

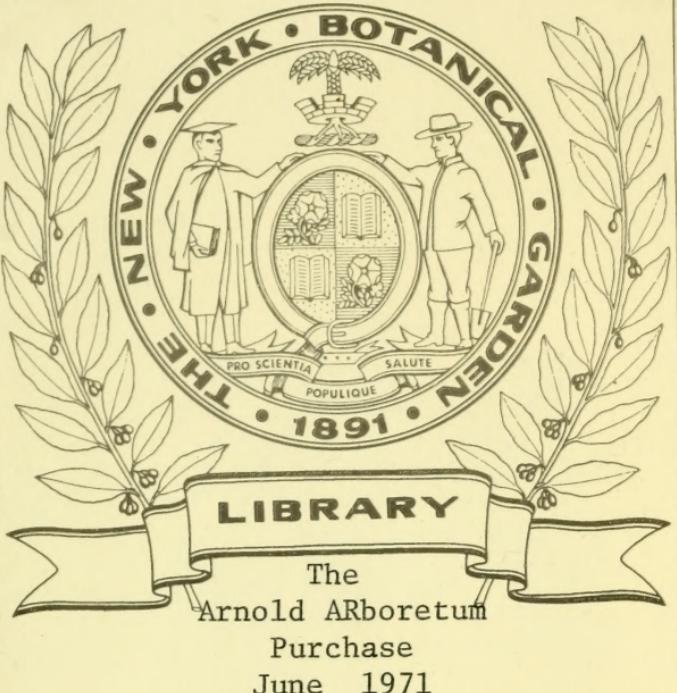
FLORA OF THE NILGIRI
& PULNEY HILL-TOPS



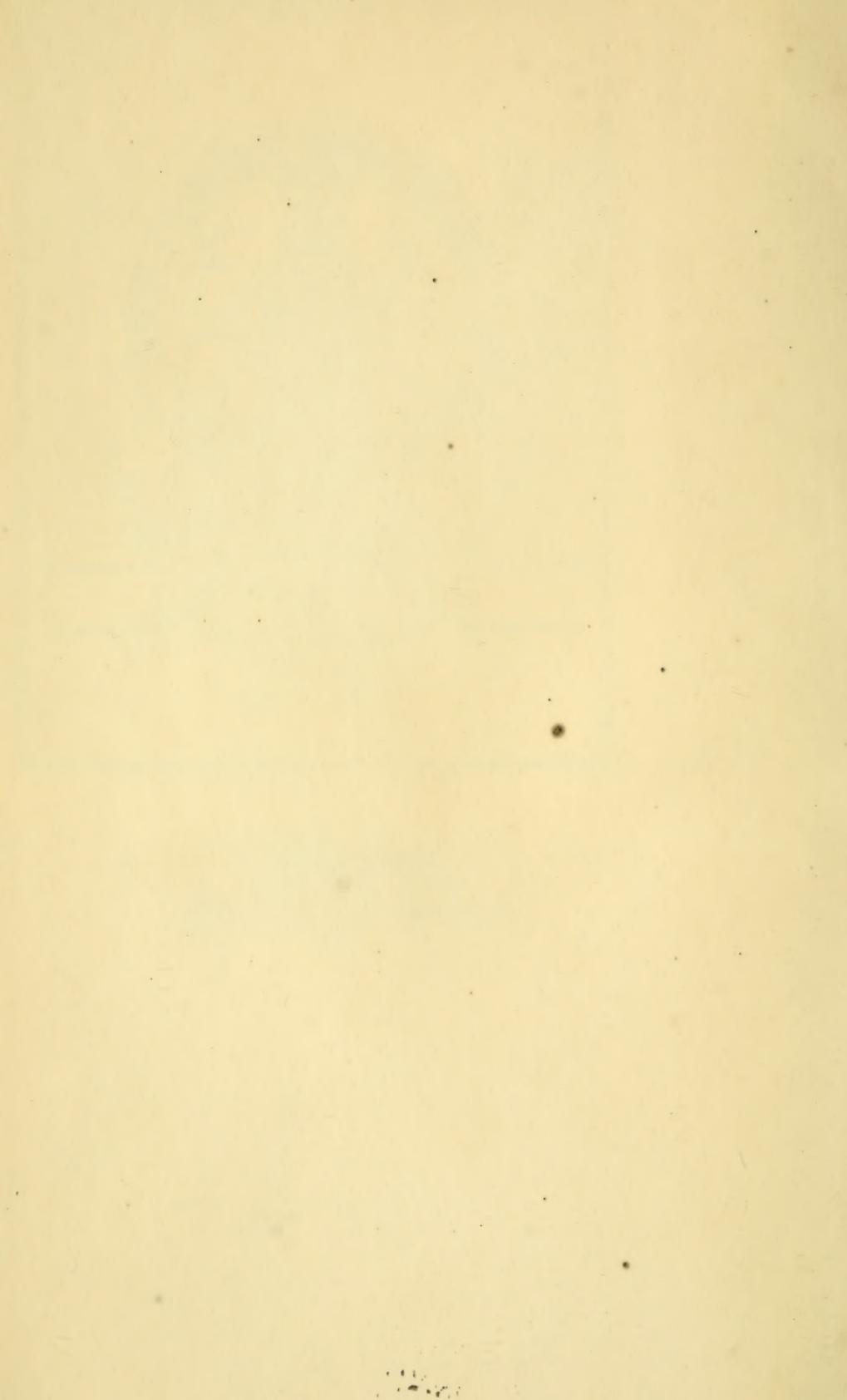
QK349.8

.F9

v.2







#

THE FLORA

OF THE

NILGIRI AND PULNEY HILL-TOPS (ABOVE 6,500 FEET)

BEING THE

WILD AND COMMONER INTRODUCED FLOWERING
PLANTS

ROUND THE HILL-STATIONS OF

OOTACAMUND, KOTAGIRI AND
KODAIKANAL

With 286 full page illustrations and 4 maps

BY

P. F. FYSON, B.A., F.L.S.,

*Indian Educational Service,
Professor of Botany, Presidency College, Madras.*

VOLUME II.

MADRAS:

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—
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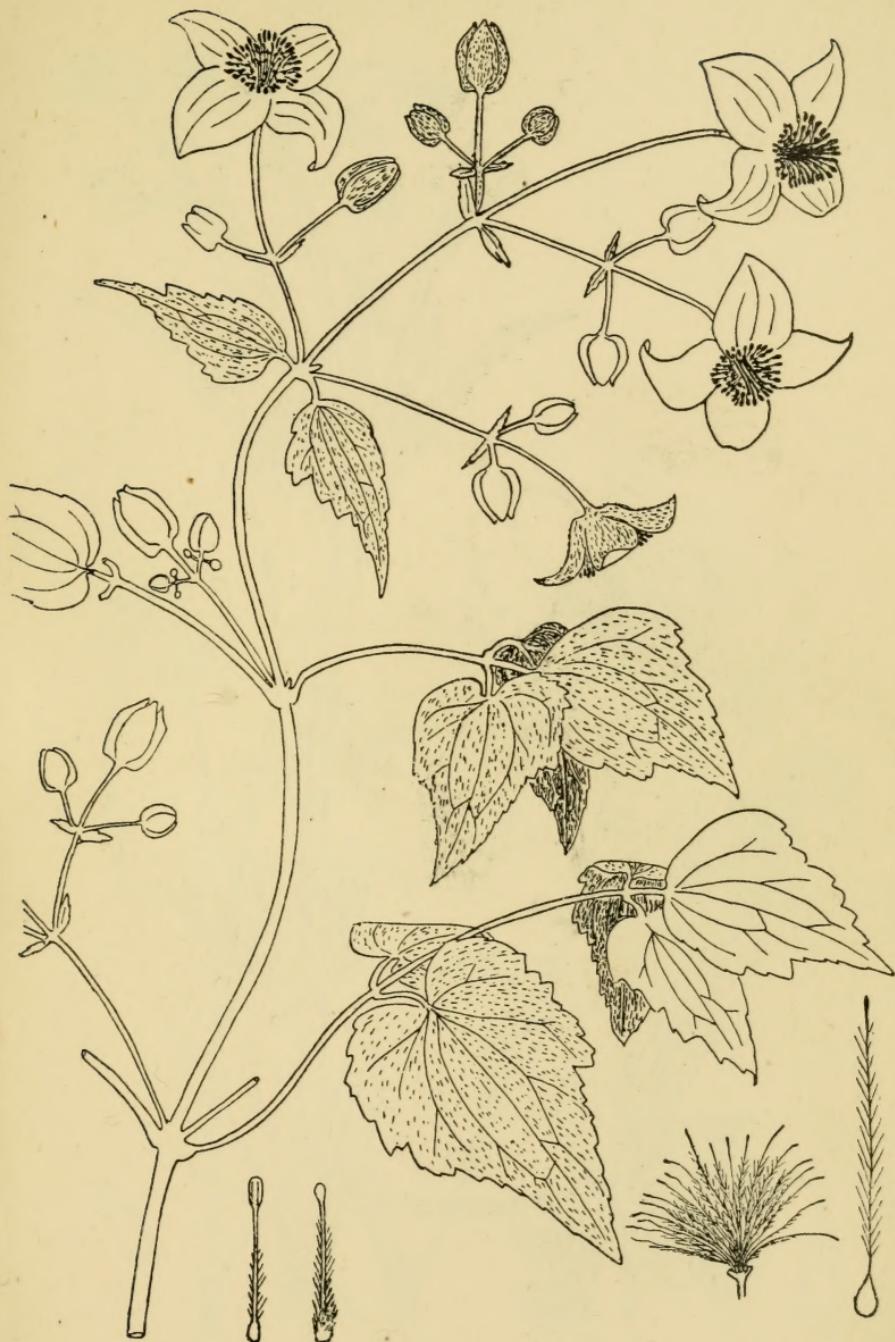
F9

v. 2

The following have not been acknowledged on the plates.

Lady Bourne [E.T.B.]	...	Nos. 84, 196, 225.
Mrs. Harrison [M.F.H.]	...	Nos. 88, 174.
Mrs. Patton [E.P.]	...	No. 114.
R. Natesan	...	Nos. 64, 82, 122, 166, 182, 199, 250.
P. F. Fyson	...	No. 69.

RANUNCULACEÆ.



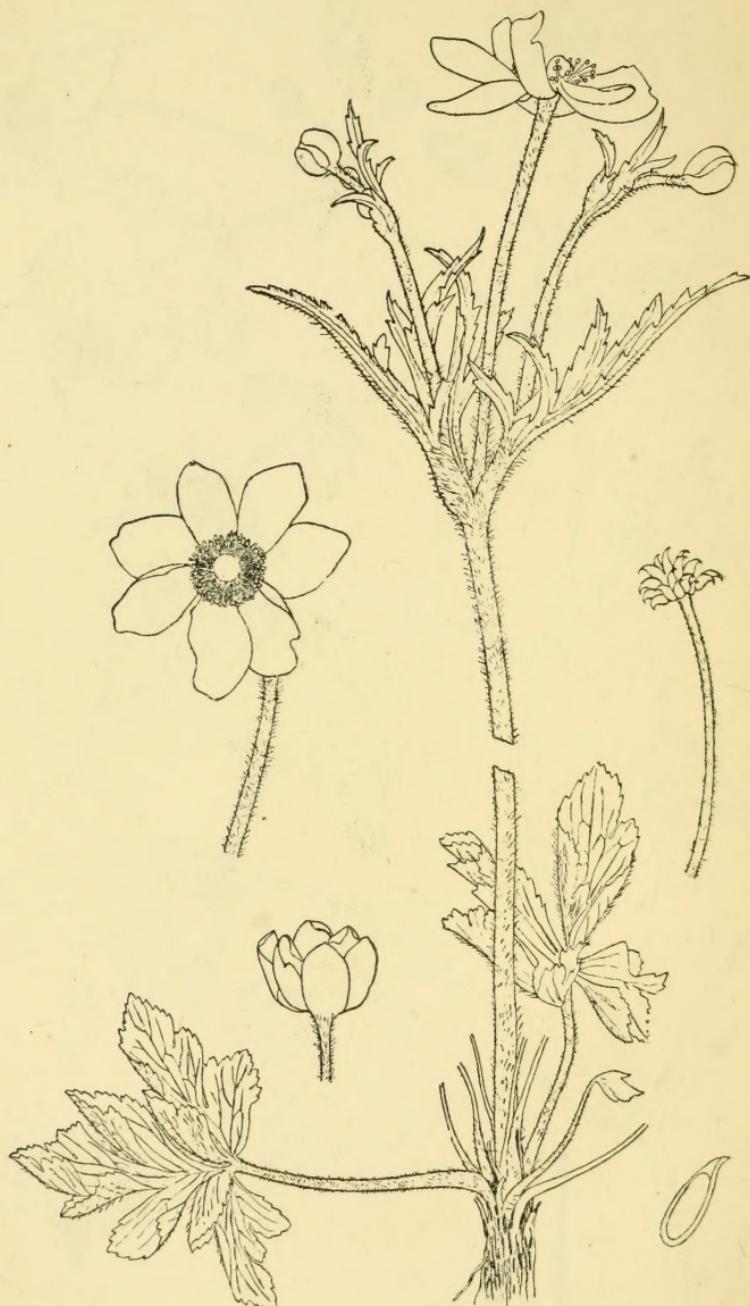
P. F. Fyson.

CLEMATIS WIGHTIANA Wall.

$\frac{1}{2}$ Nat.

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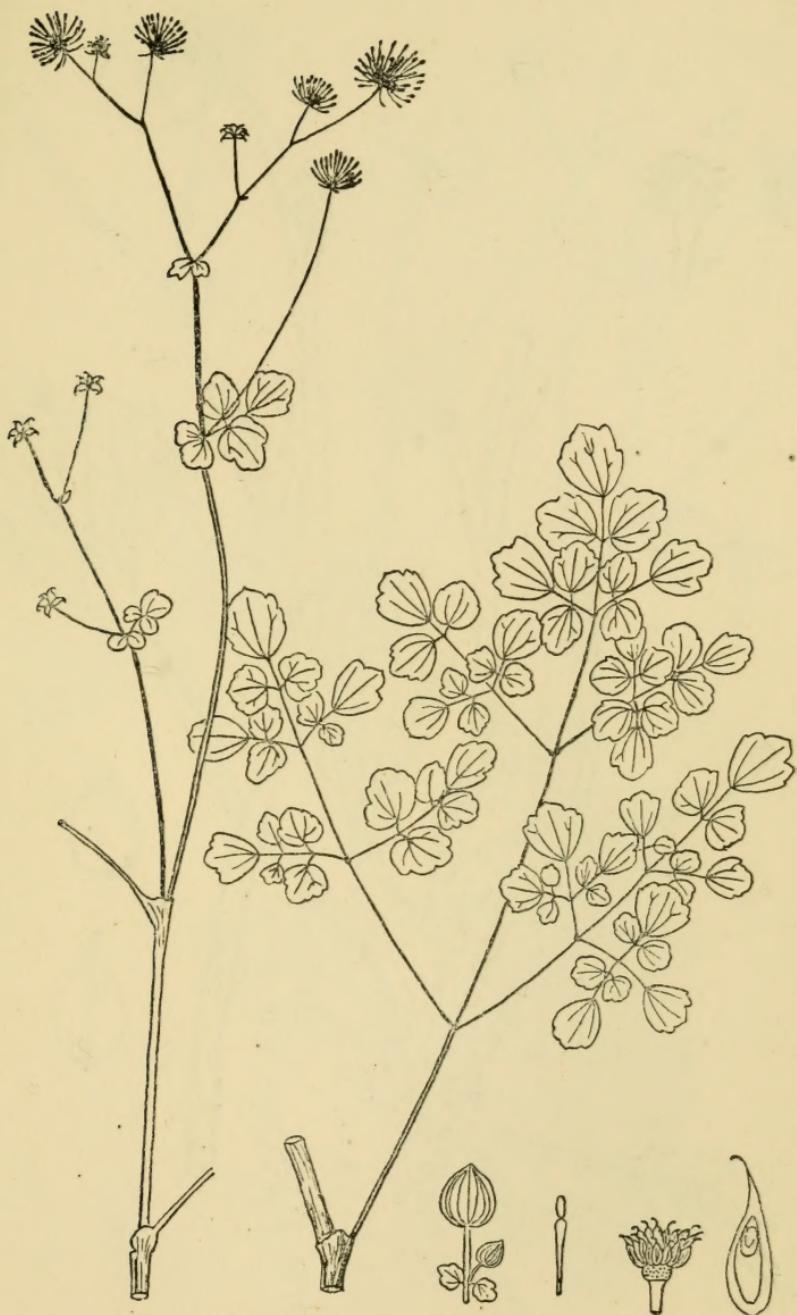
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M. F. Harrison. ANEMONE RIVULARIS Ham.

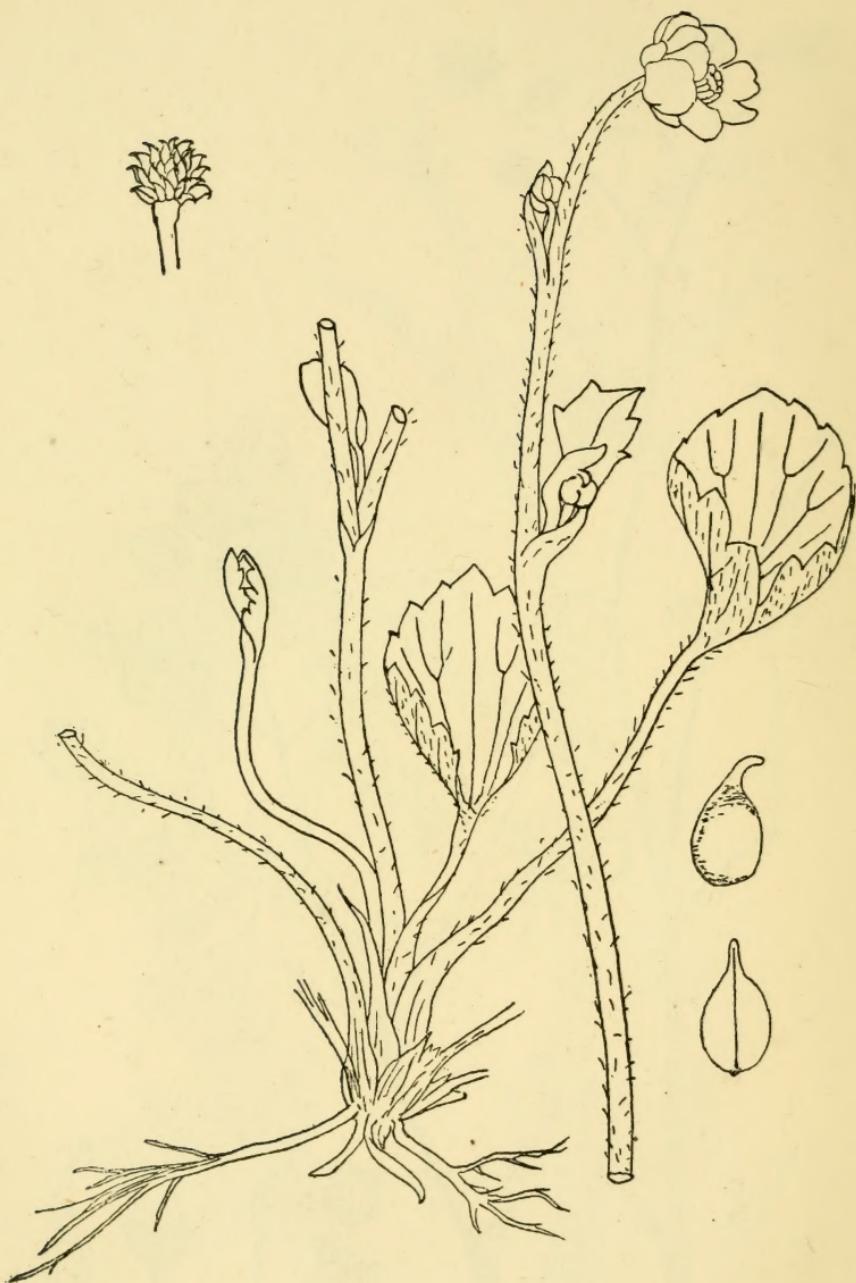
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ОЛЕНЯ
МИТЕВОЯ
БЛУЧАН
УТІВАЧИЙ

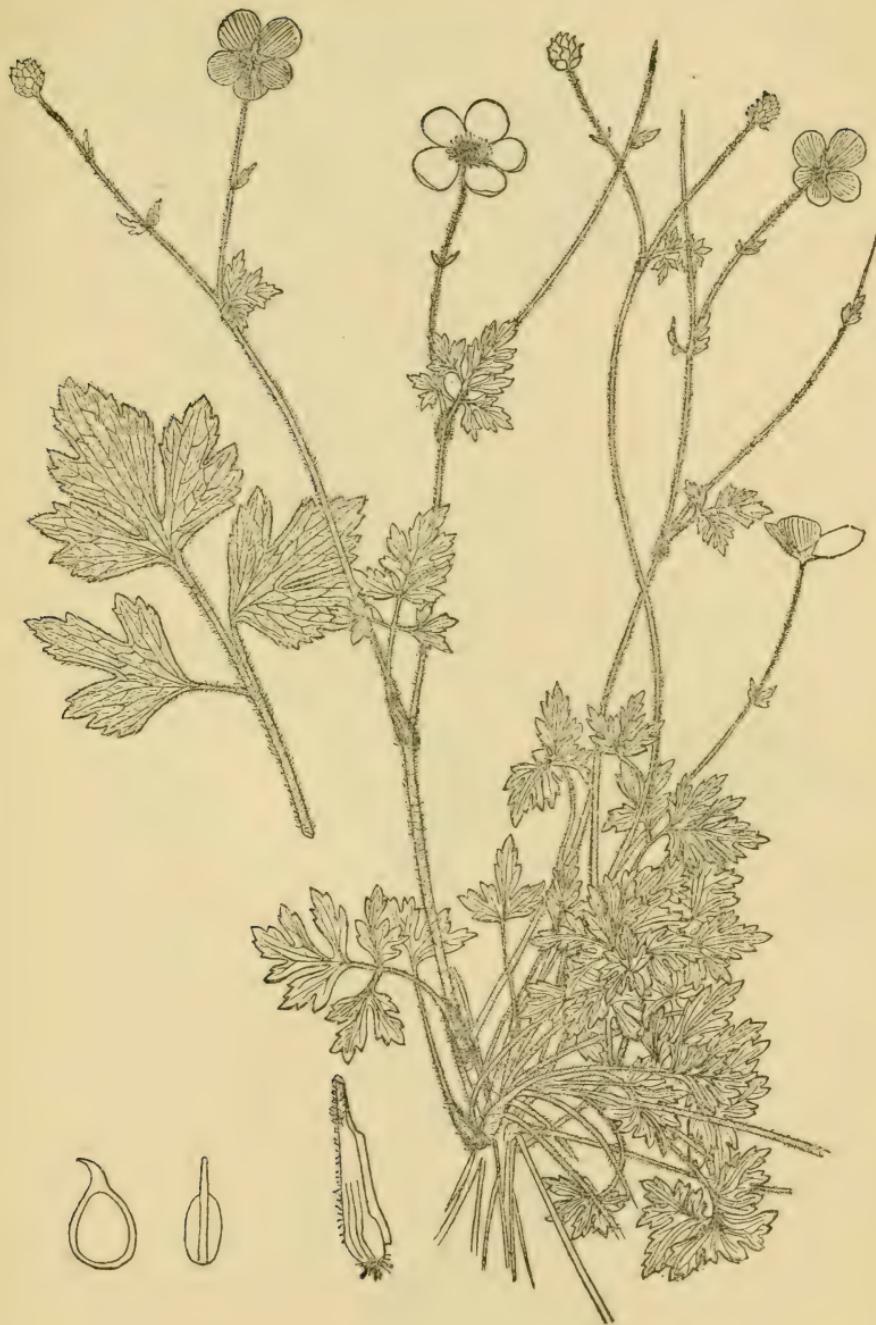


P. F. Fyson. THALICTRUM JAVANICUM Blume.

 $\frac{1}{2}$ Nat.



M. F. Harrison. RANUNCULUS RENIFORMIS Wall. $\frac{1}{2}$ Nat.



R. Natesan. RANUNCULUS SUBPINNATUS *W. & A.* $\frac{1}{2}$ Nat.

*



R. Natesan.

RANUNCULUS WALLICHIANUS W. & A.

 $\frac{2}{3}$ Nat.



G. Cruickshank. RANUNCULUS MURICATUS L.

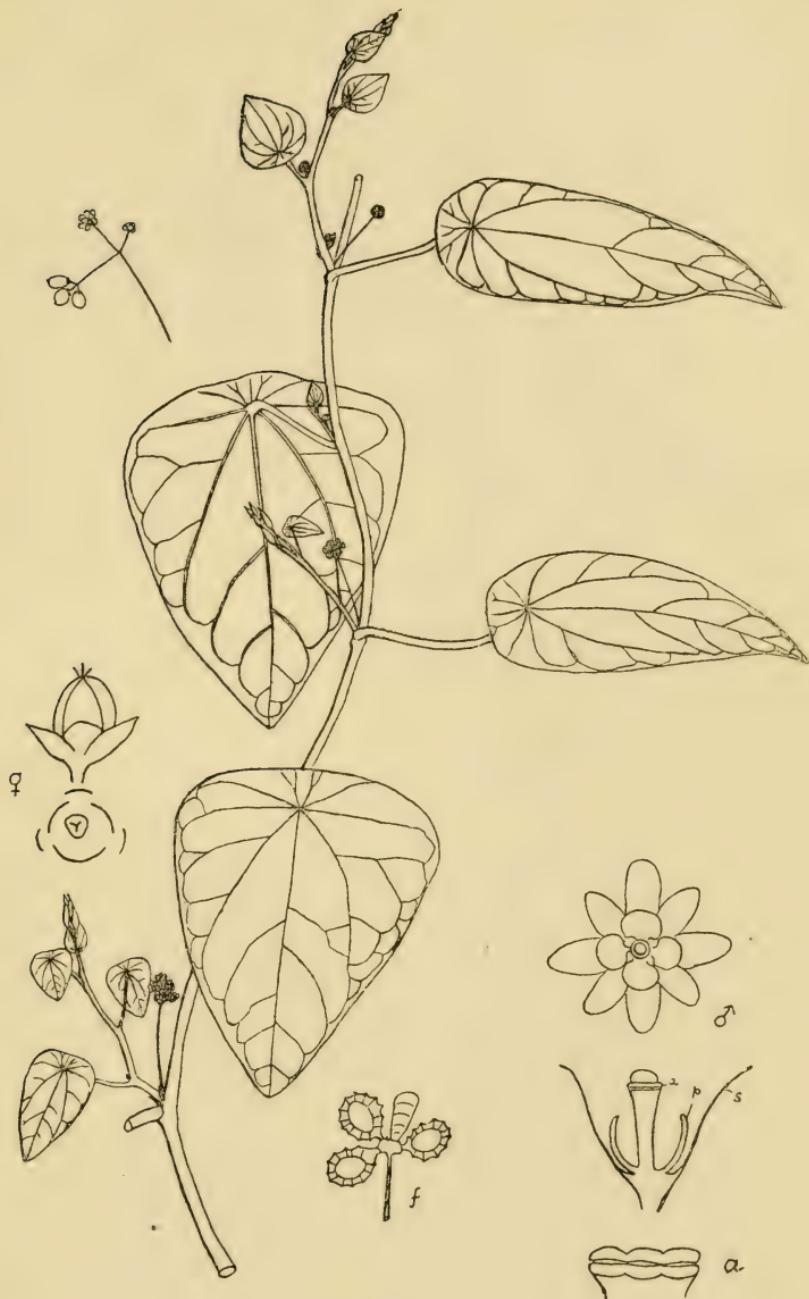
 $\frac{3}{4}$ Nat.



P. F. Fyson.

MICHELIA NILAGIRICA Zenk.

$\frac{3}{4}$ Nat.



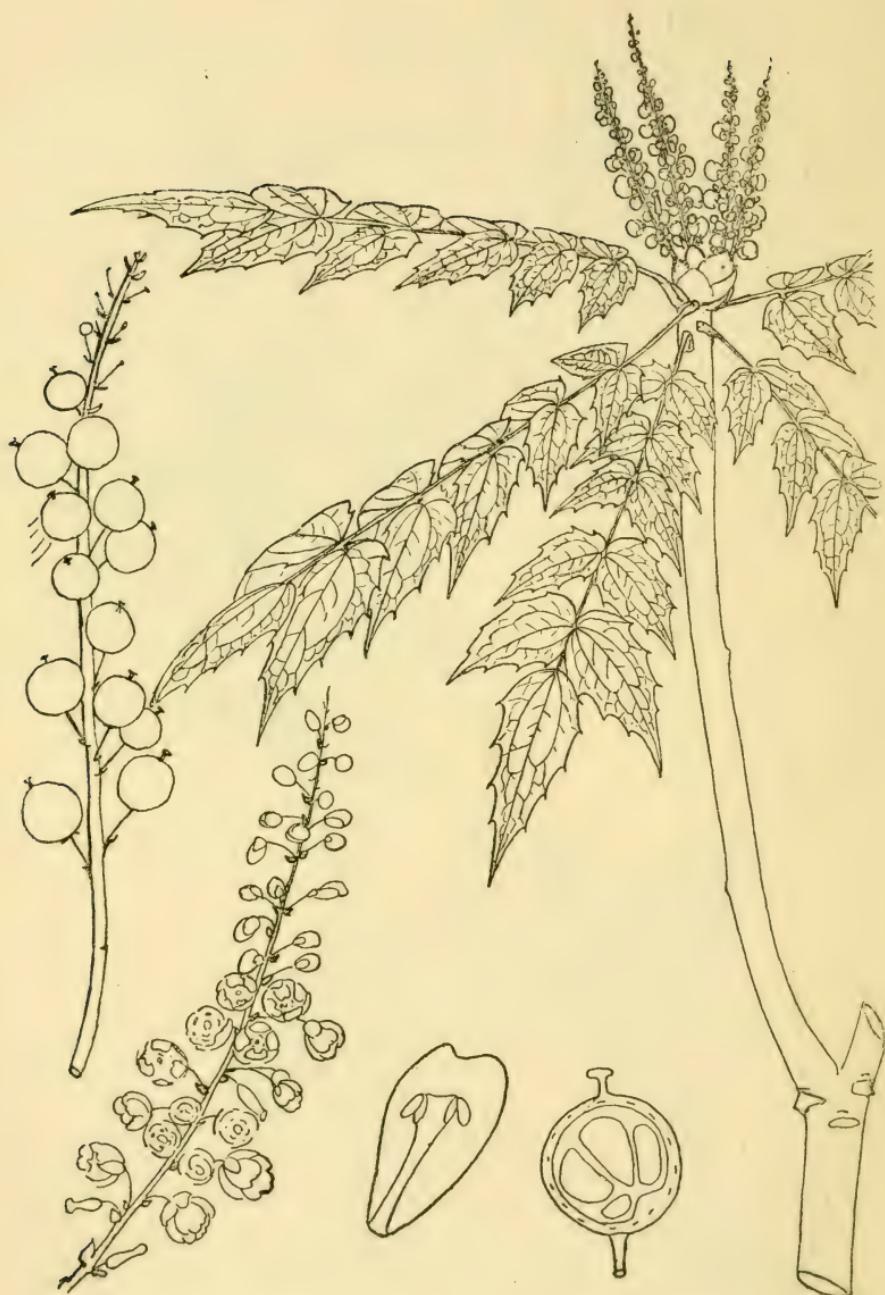
P. F. Fyson. STEPHANIA HERNANDIFOLIA Walp. $\frac{1}{2}$ Nat.



M. F. Harrison. BERBERIS TINCTORIA *Lesch.*

Nat. Size.

R. Natesan. BERBERIS TINCTORIA *Lesch.* $\frac{1}{2}$ Nat.



P. F. Fyson. MAHONIA LESCHENAULTII Takeda.

 $\frac{1}{2}$ Nat.





P. F. Fyson.

CARDAMINE HIRSUTA L.

$\frac{3}{4}$ Nat.





P. F. Fyson. CAPSELLA BURSA-PASTORIS Mænch. Nat. Size.

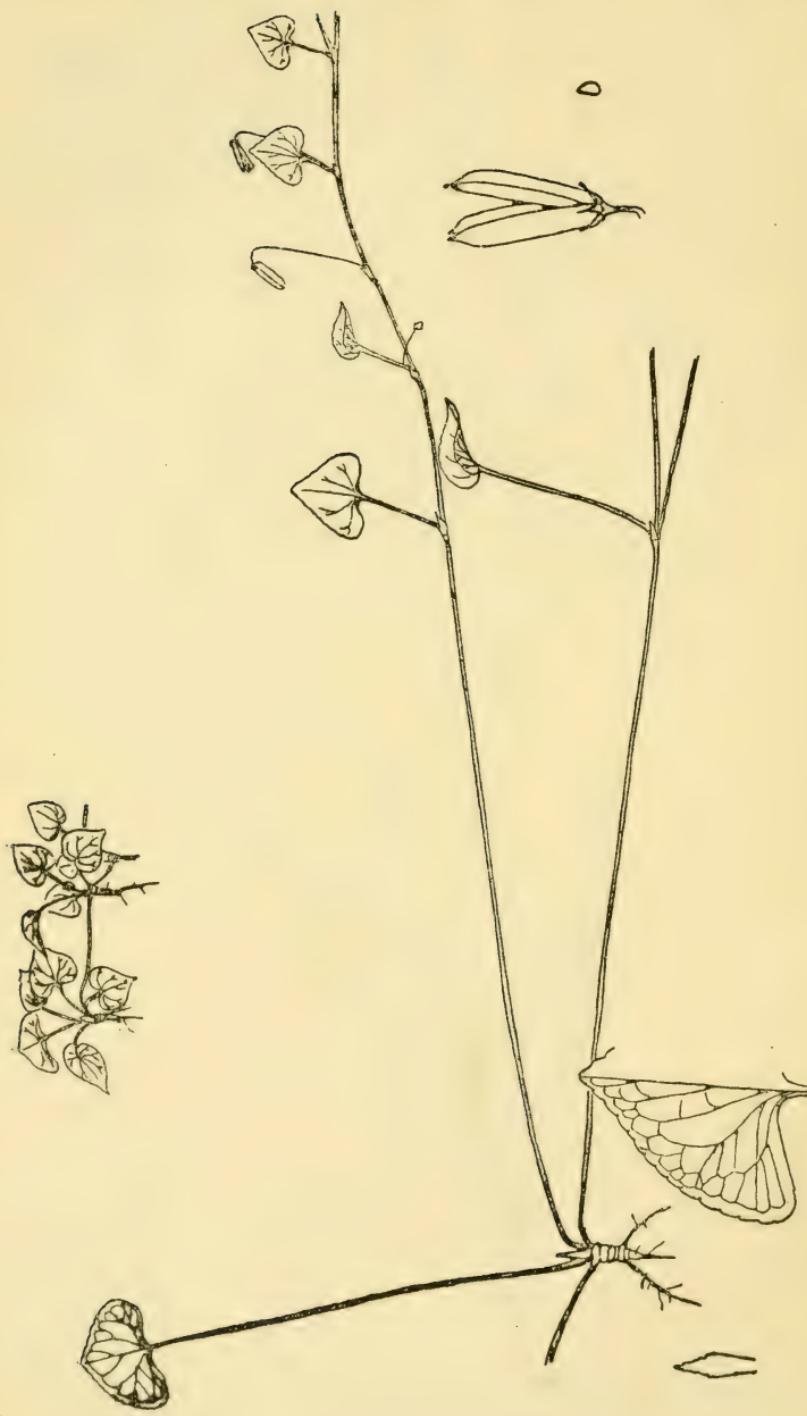


P. F. Fyson.

VIOLA PATRINII DC.

, 2

$\frac{2}{3}$ Nat.



VIOLA DISTANS Wall.

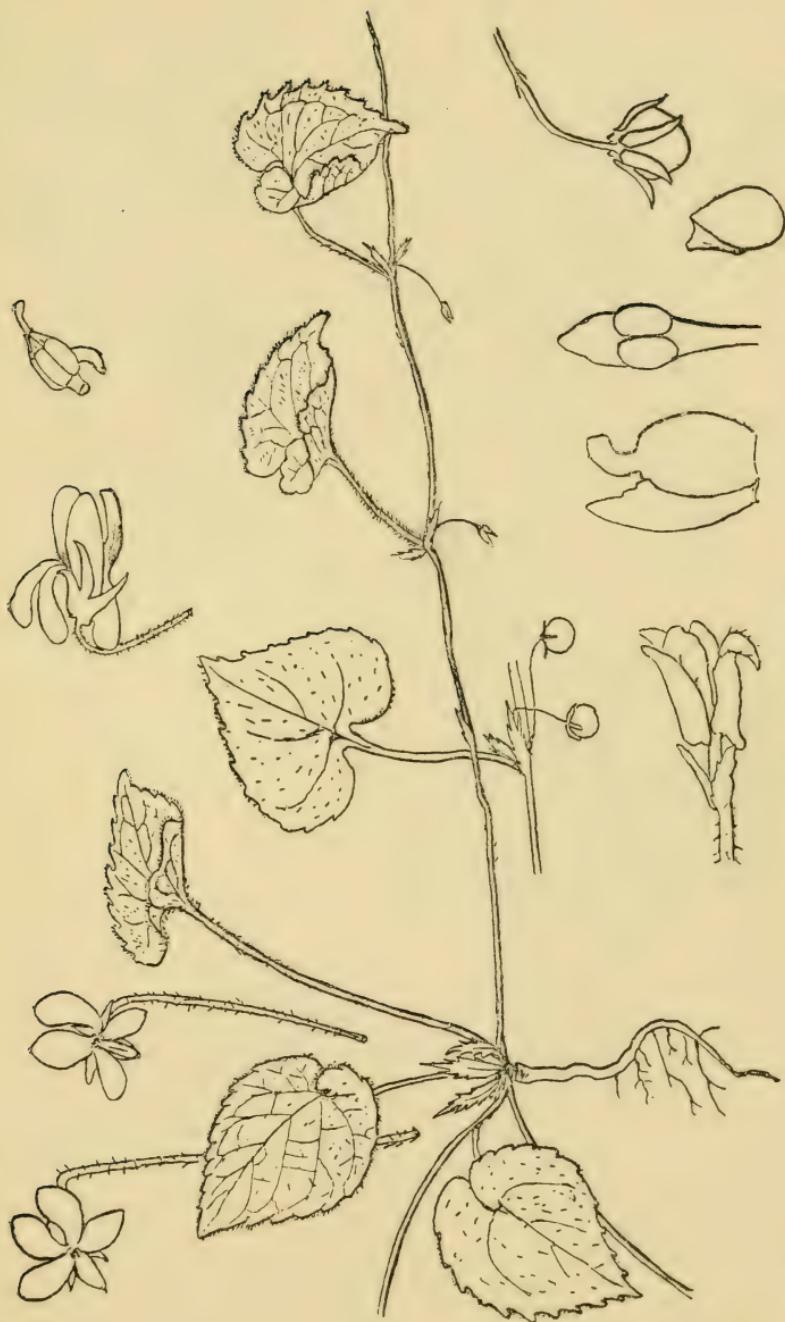
P. F. Fyson.

§ Nat.

$\frac{3}{4}$ Nat.

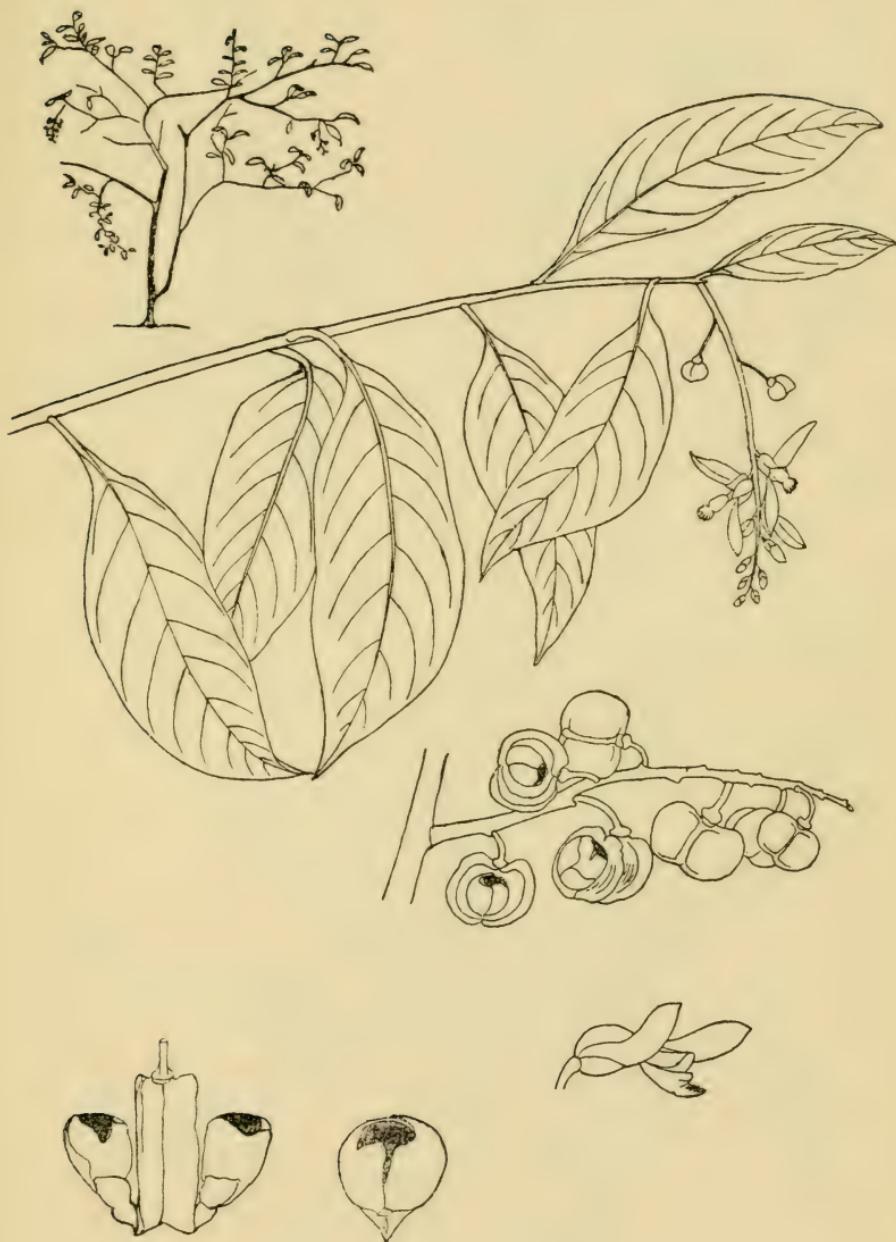
VIOLA SERPENS Wall.

P. F. Fyson.





P. F. Fyson. PITTOSSPORUM TETRASPERMUM W. & A. $\frac{1}{2}$ Nat.



R. Natesan.

POLYGALA ARILLATA Hamil.

 $\frac{1}{2}$ Nat.



P. F. Fyson. POLYGALA ROSMARINIFOLIA W. & A. $\frac{2}{3}$ Nat.

*E. T. Bourne.*POLYGALA SIBIRICA *L.*

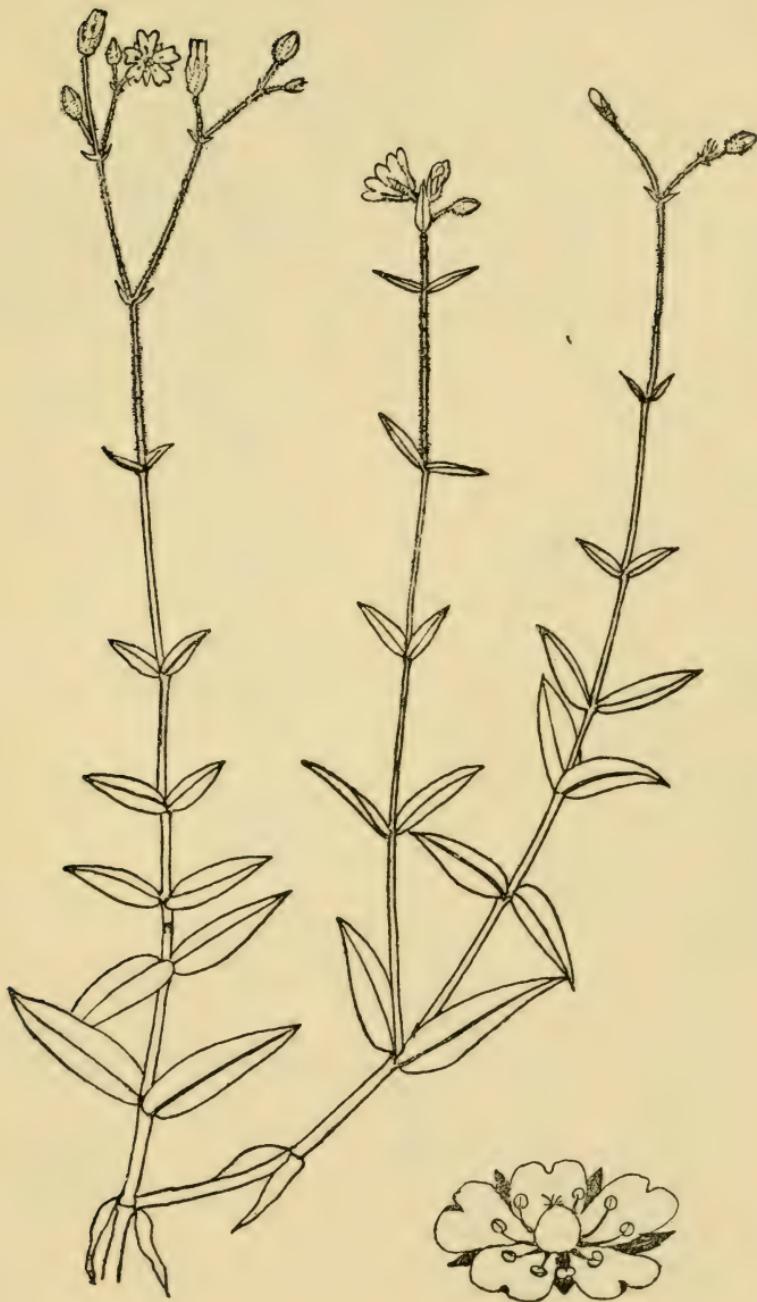
2 Nat.



P. F. Fyson.

SILENE GALLICA L.

 $\frac{2}{3}$ Nat.

*R. Natesan.*

CERASTIUM INDICUM W. & A.

Nat. Size.



CERASTIUM VULGATUM L.

R. Natesan.

VAR GLOMERATA.

$\frac{2}{3}$ Nat.

*R. Natesan.*

SPERGULA ARVENSIS L.

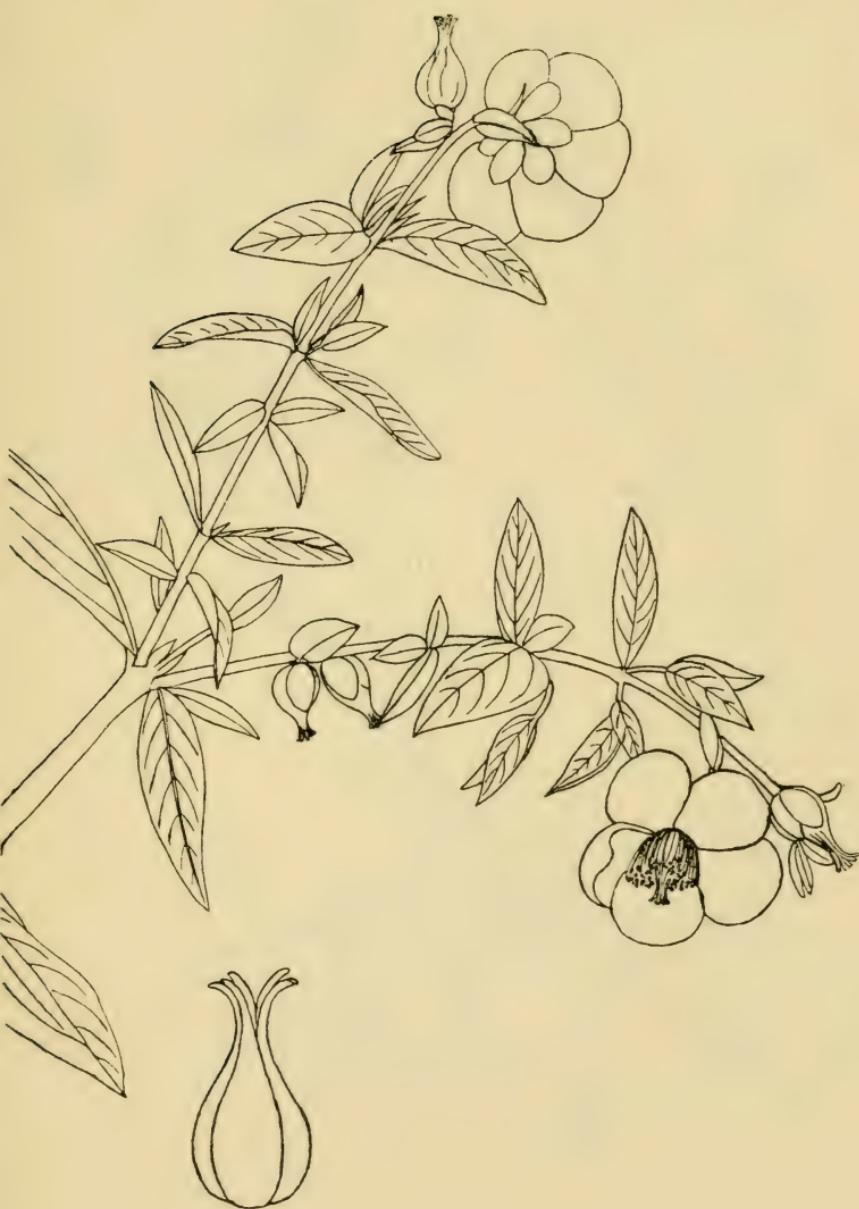
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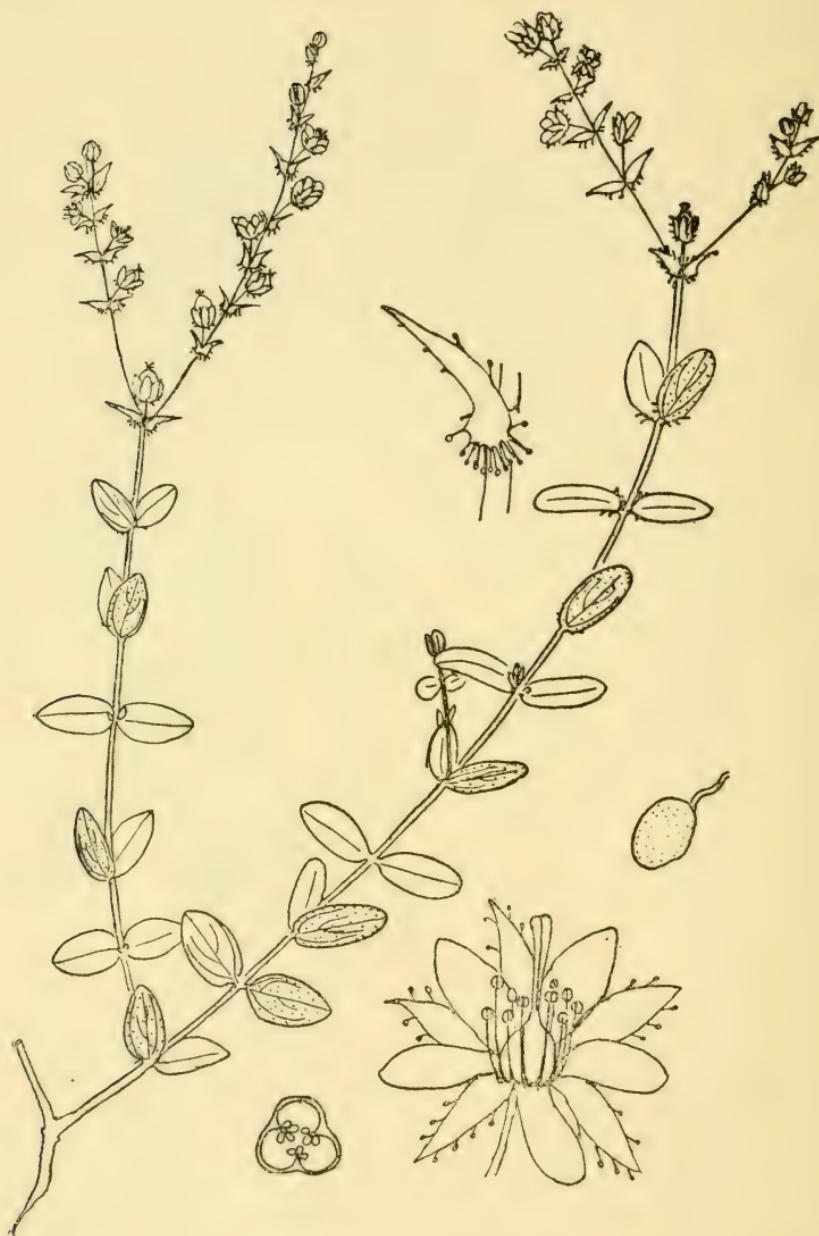
E. T. Bourne.

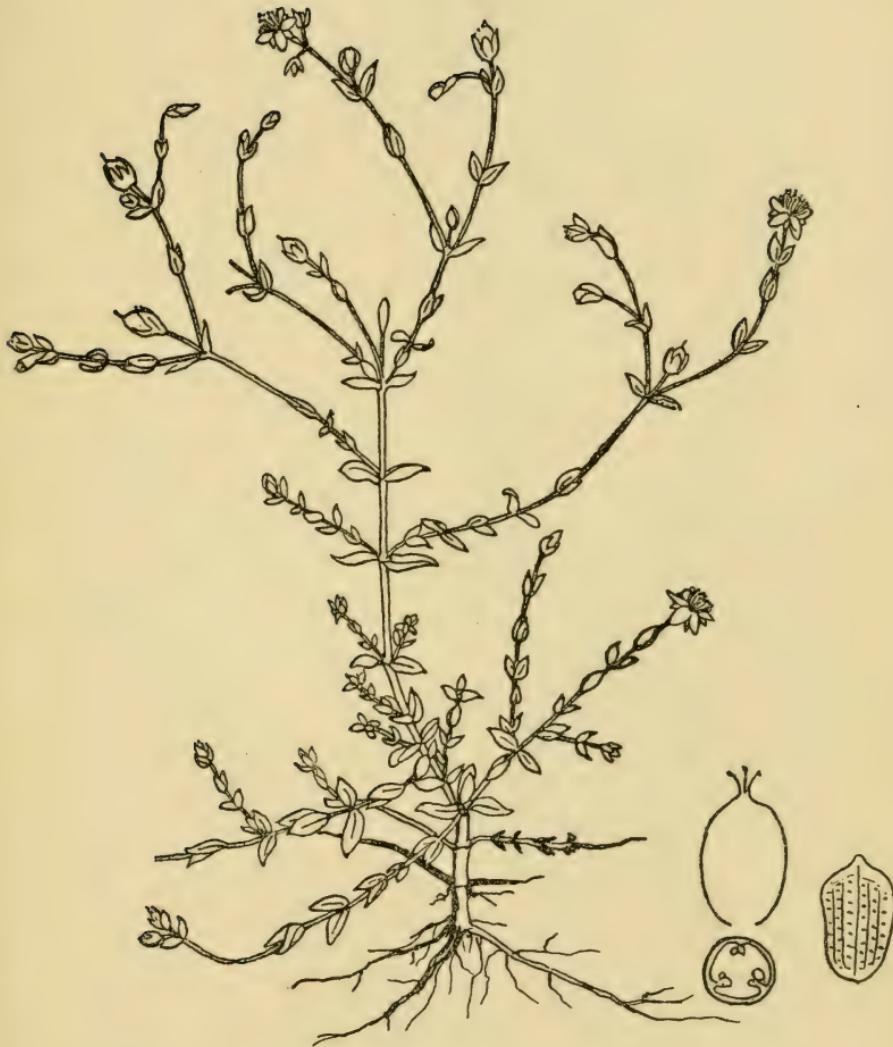
HYPERICUM MYSORENSE Heyne.

$\frac{2}{3}$ Nat.



R. Natesan. HYPERICUM HOOKERIANUM W. & A. $\frac{1}{2}$ Nat.





E. T. Bourne. HYPERICUM JAPONICUM Thunb.

 $\frac{2}{3}$ Nat.



R, Natesan. TERNSTRÖEMIA JAPONICA Thunb.

$\frac{3}{3}$ Nat.

*R. Natesan.**EURYA JAPONICA* Thunb $\frac{1}{2}$ Nat.



R. Natesan.

GORDONIA OBTUSA Wall.

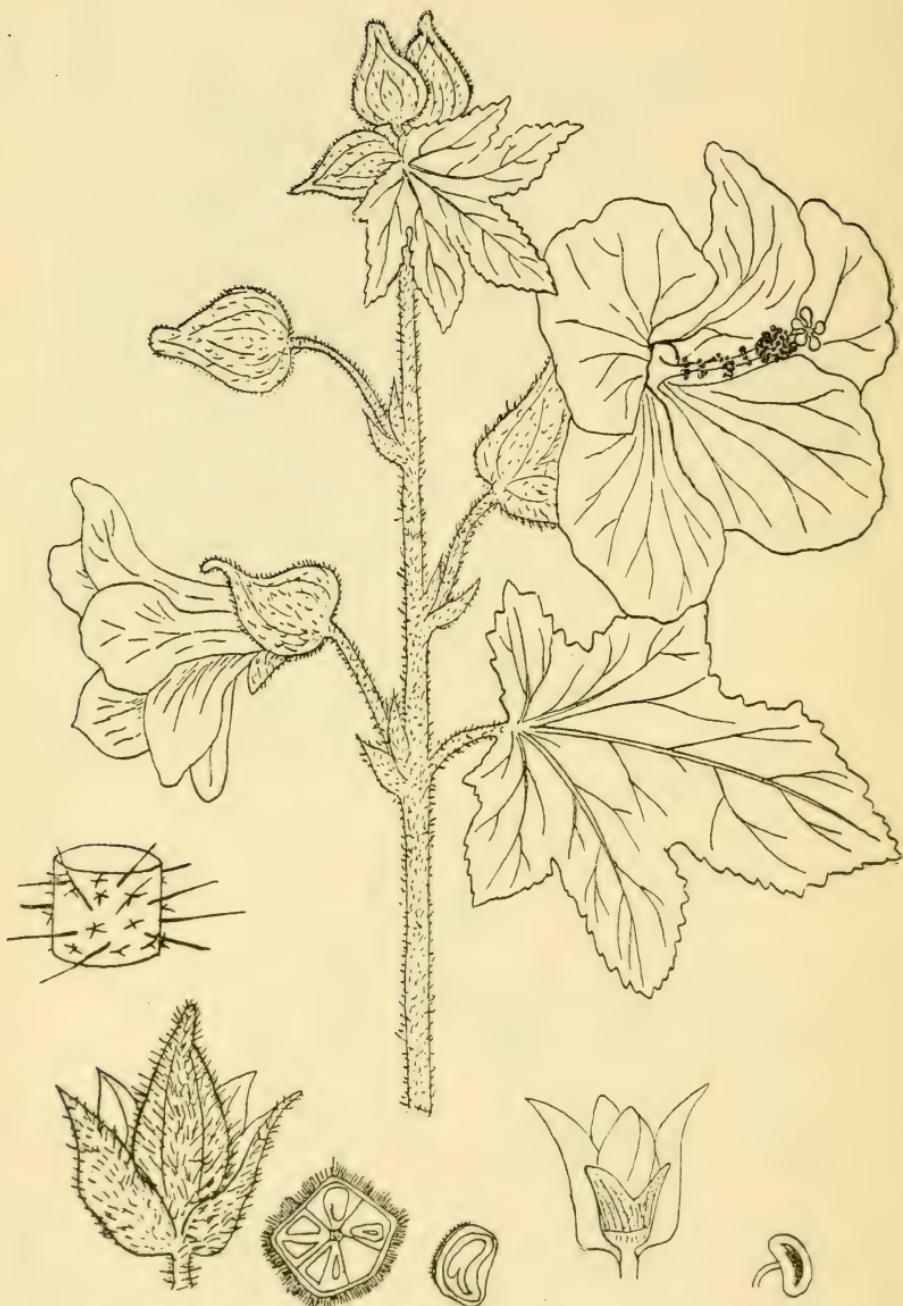
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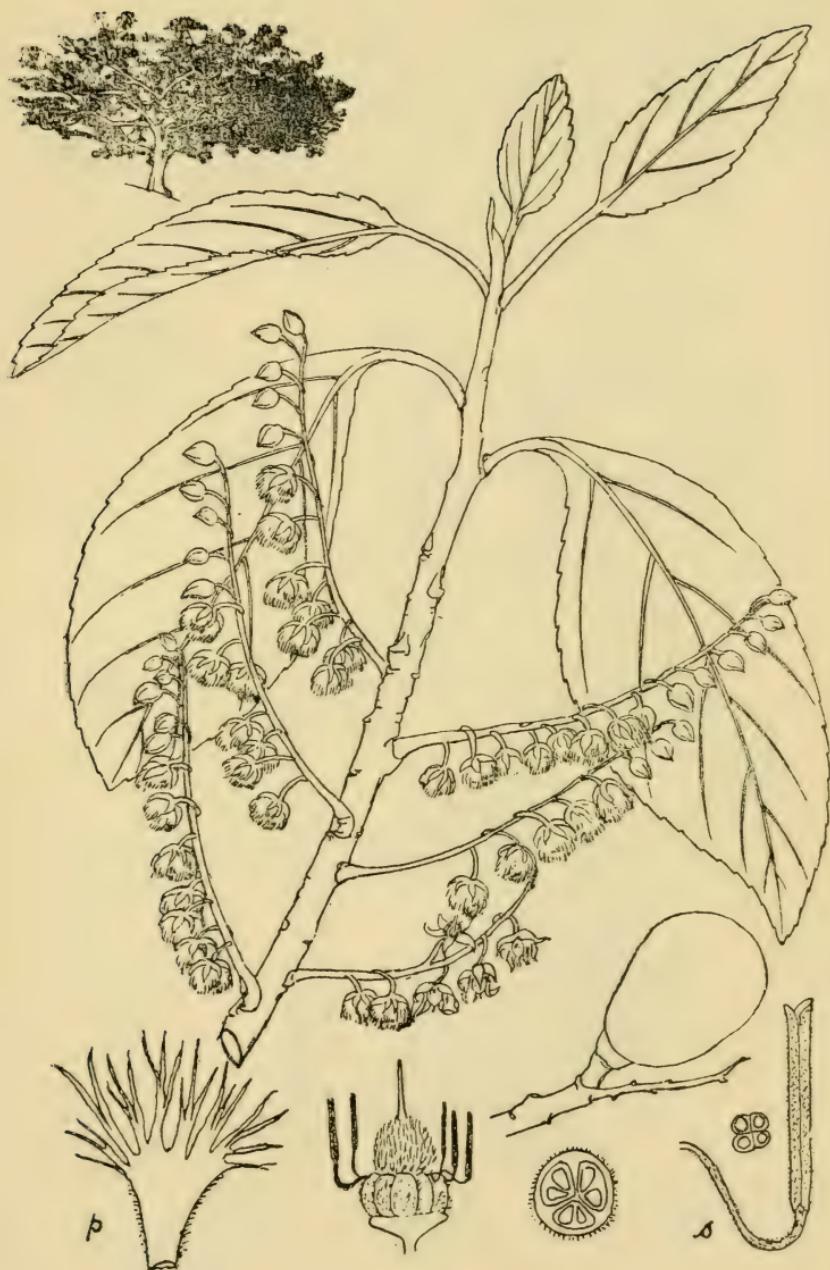
$\frac{2}{3}$ Nat.

MODIOLA CAROLINIANA L.

R. Natesan.







P. F. Fyson. ELÆOCARPUS OBLONGUS Gærtn.

 $\frac{2}{3}$ Nat.



R. Natesan.

ELAEOCARPUS FERRUGINEUS Wt.

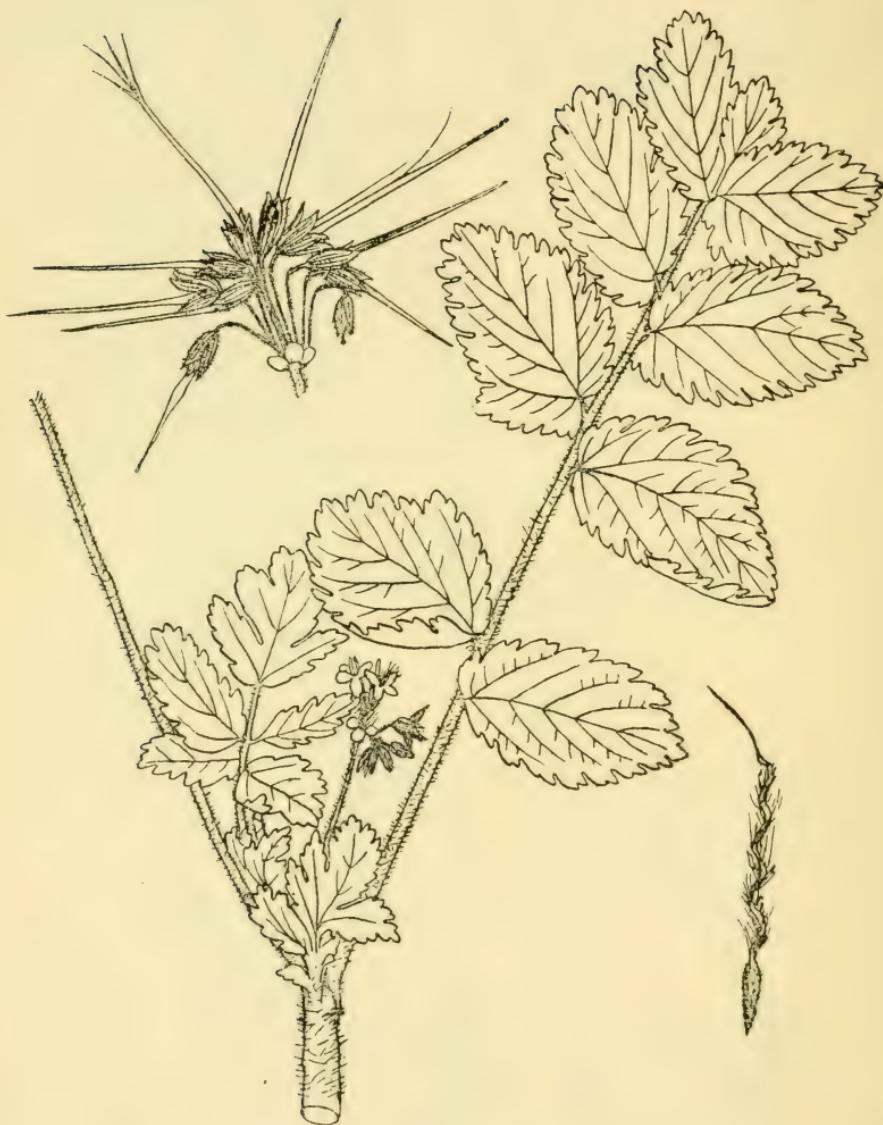
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R. Natesan.

LINUM MYSORENSE Heyne.

$\frac{2}{3}$ Nat.



R. Natesan.

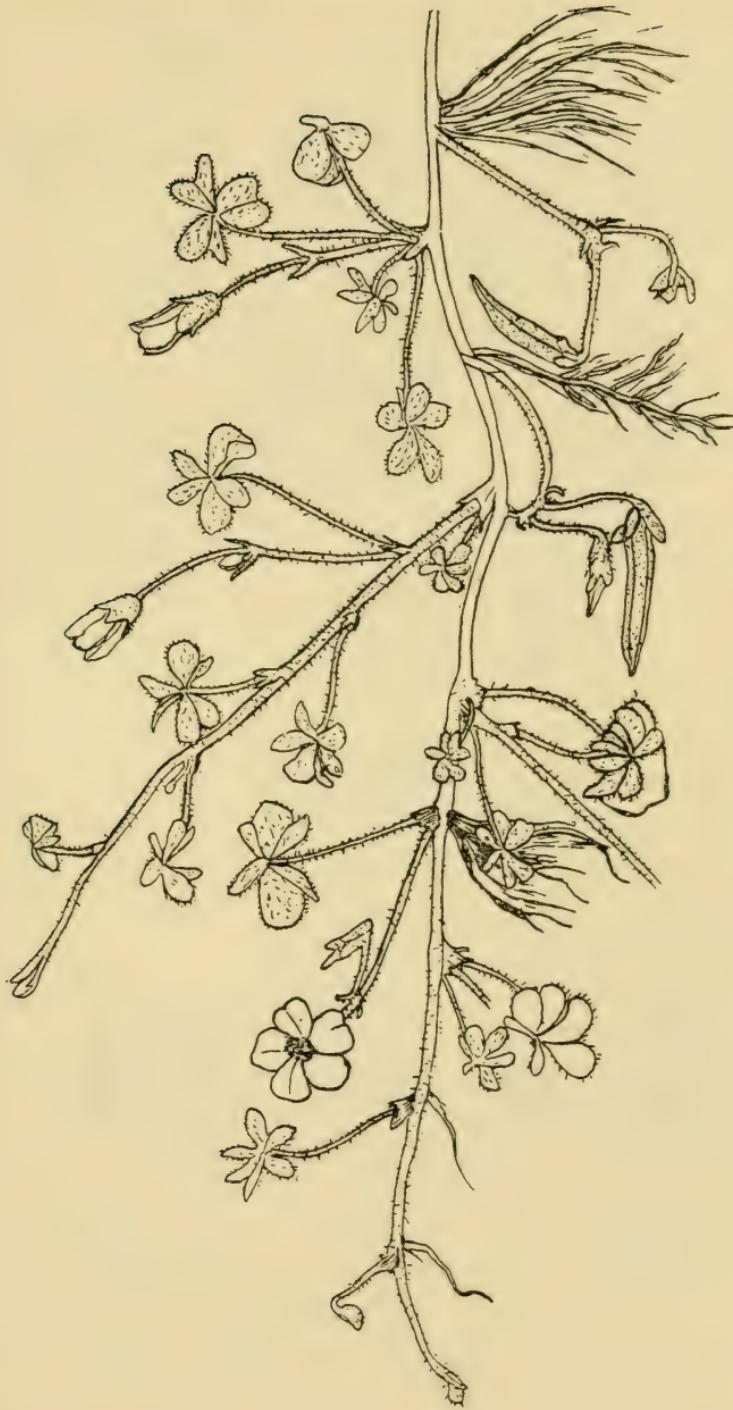
ERODIUM MOSCHATUM L'Herit.

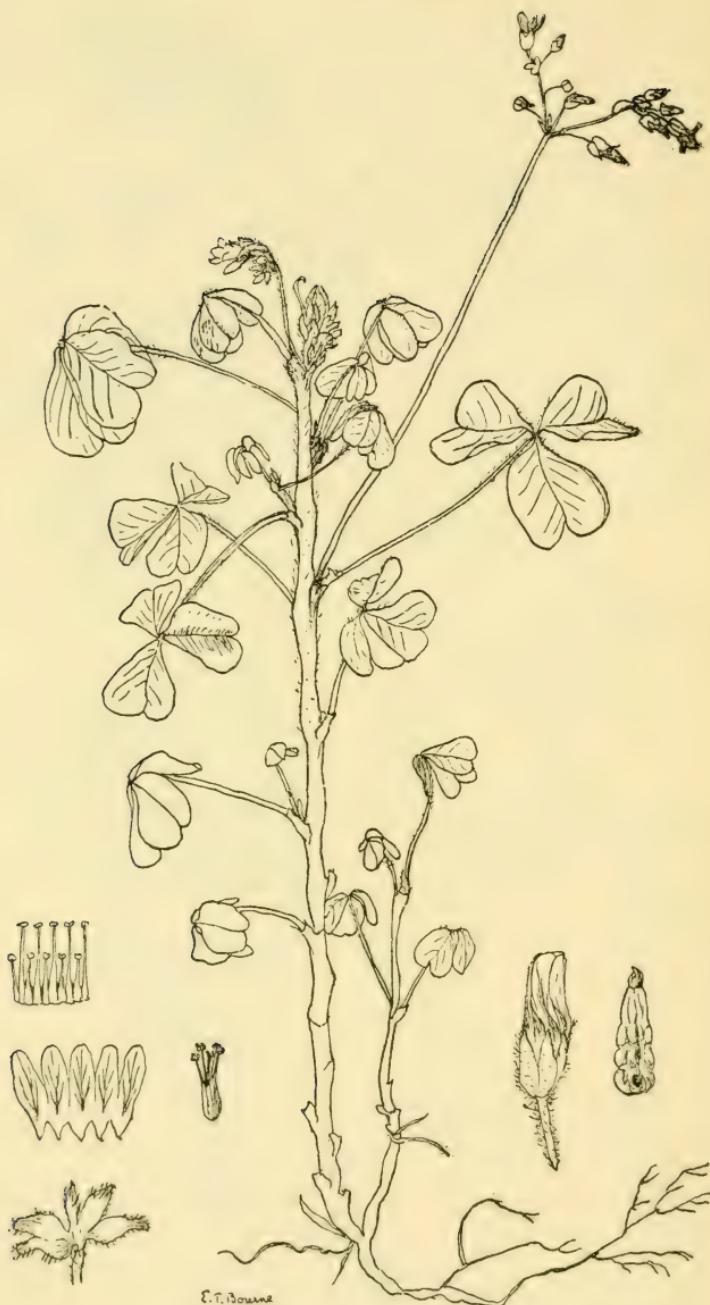
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Nat. Size.

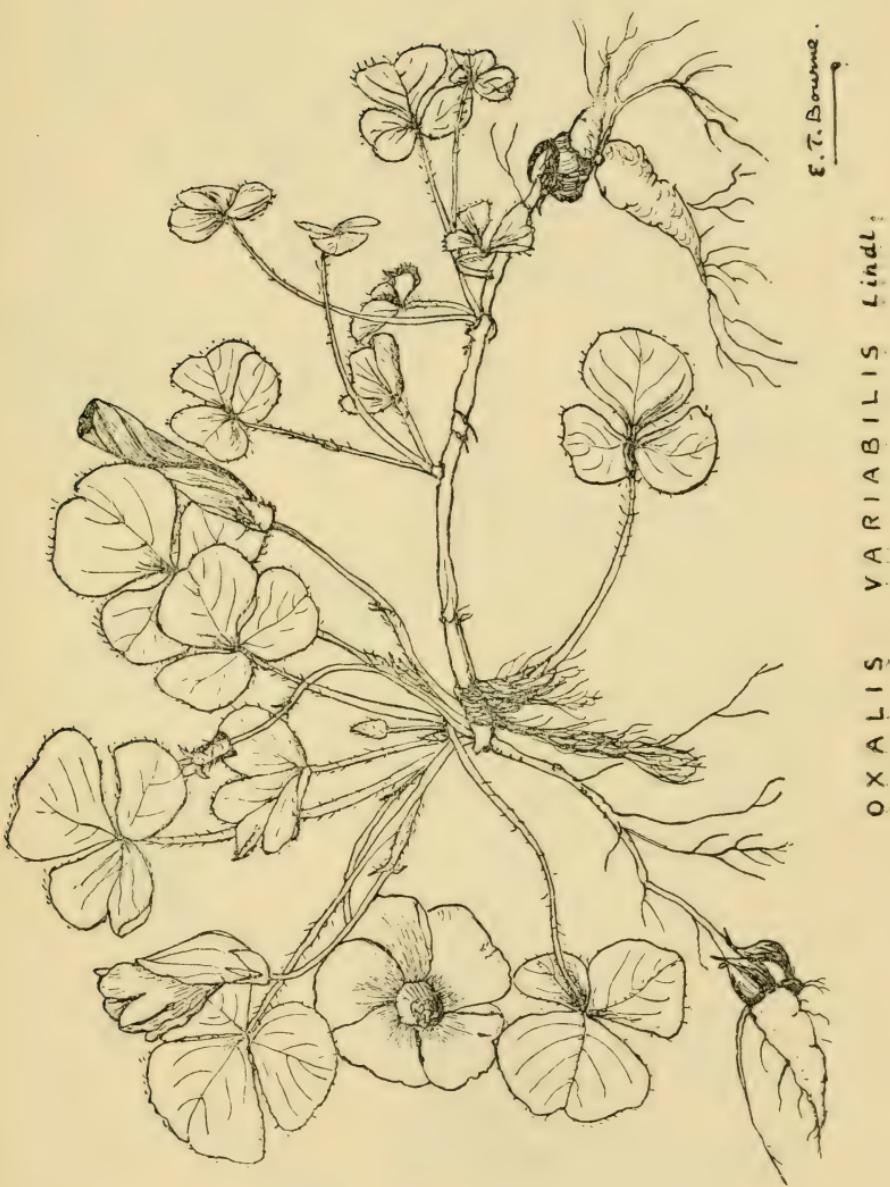
OXALIS CORNICULATA L.

E. T. Bourne.



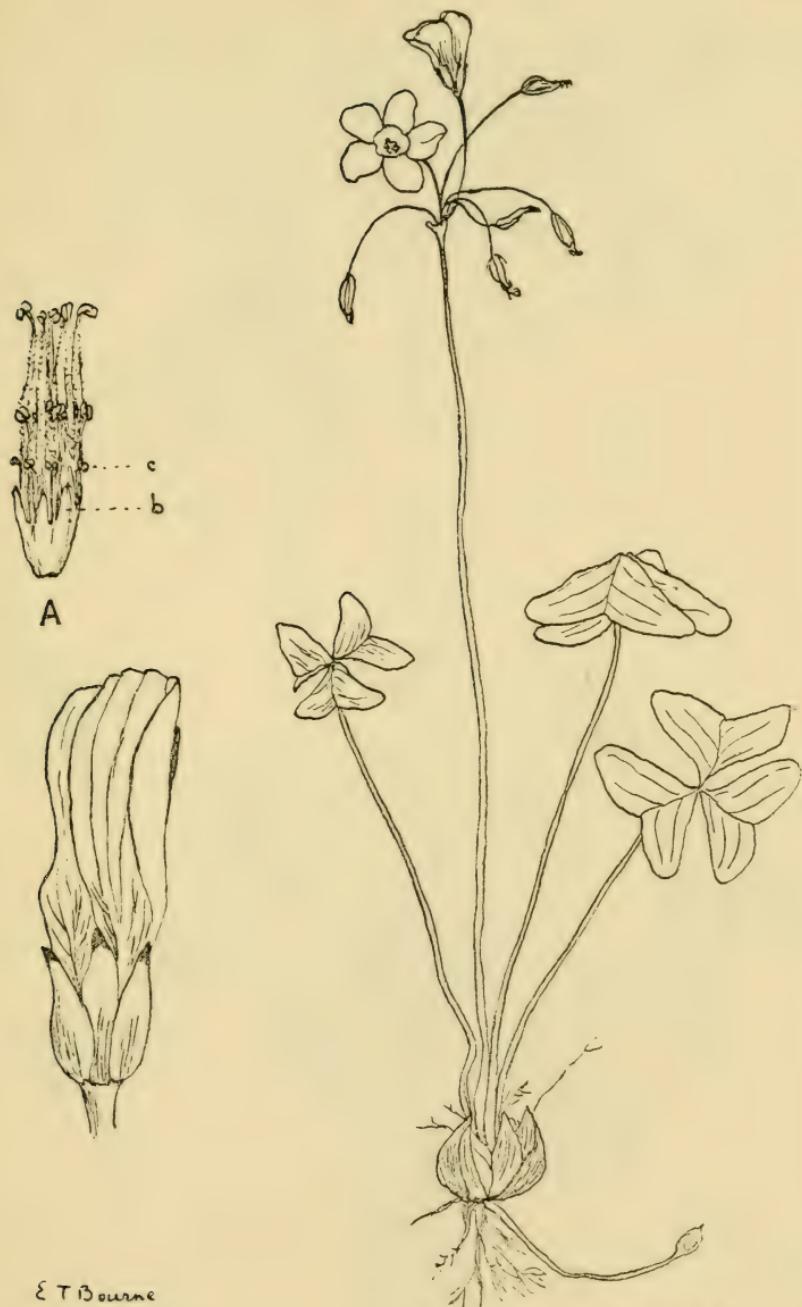
E.T. Bourne

OXALIS PUBESCENS H.B.&K.





OXALIS TETRAPHYLLA Car.



E T Bourne

OXALIS LATIFOLIA H.B. & K.



OXALIS PES CAPRÆ L.

Nora Bourne



E. T. Bourne. IMPATIENS CLAVICORNU Turcz.

 $\frac{2}{3}$ Nat.



N. Cox.

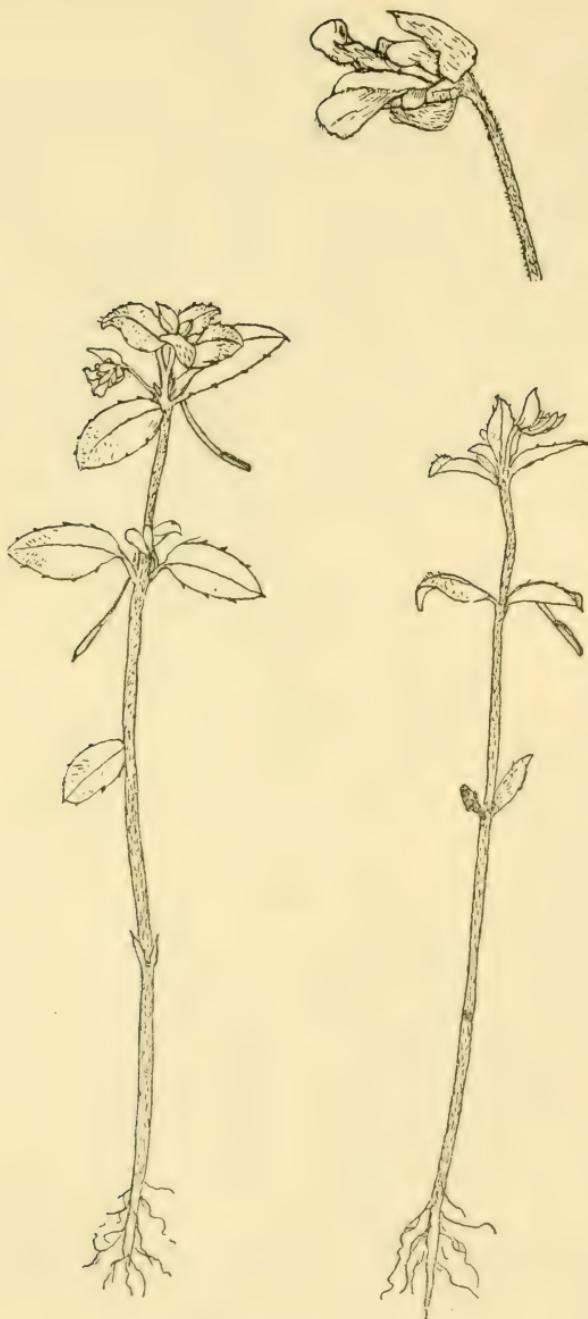
IMPATIENS MODESTA W. & A.

 $\frac{2}{3}$ Nat.



A. Lawley.

IMPA TIENS CHINENSIS L.

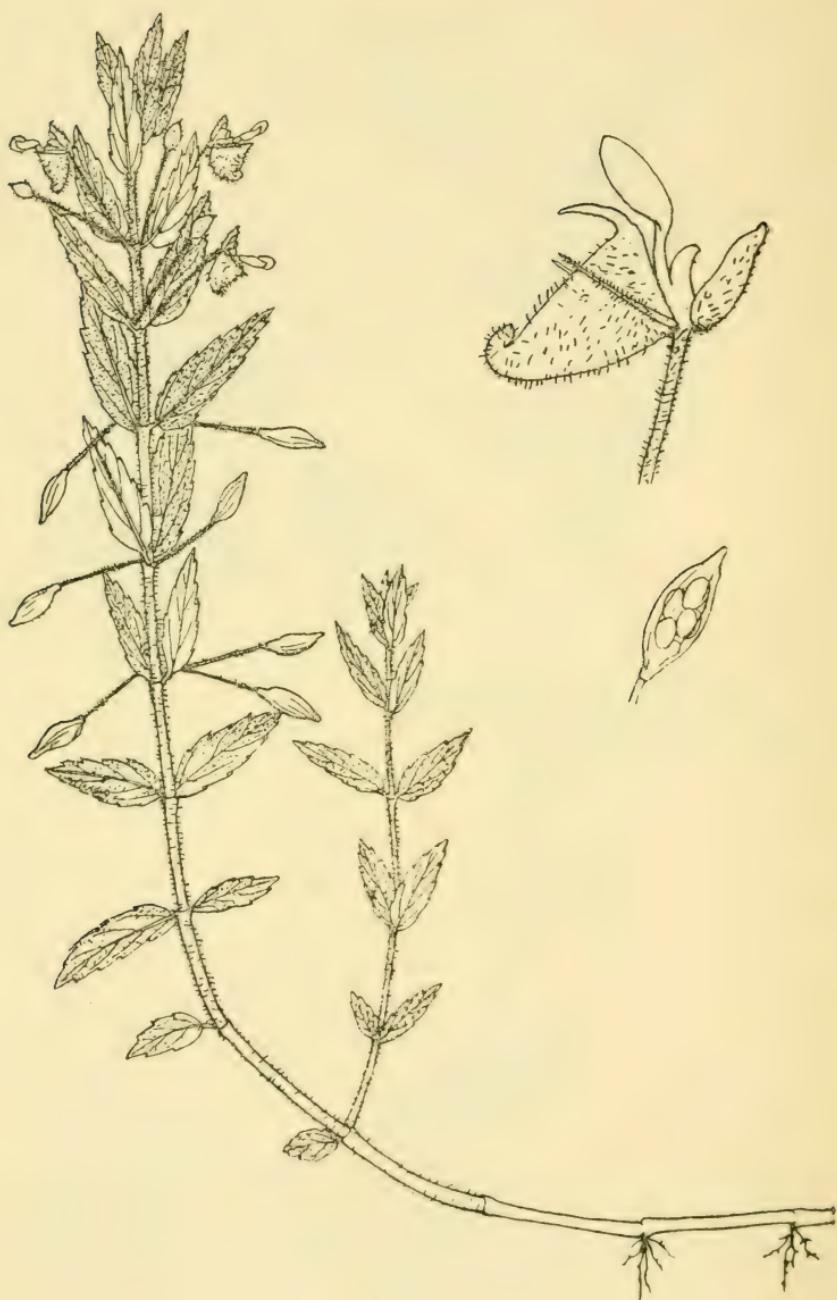


E. T. Bourne. IMPATIENS INCONSPICUA Benth.



E. T. Bourne. IMPATIENS RUFESCENS Benth.

Nat.



PEF

IMPATIENS

TOMENTOSA

Heyne 5N



E.T. Bourne del.

IMPATIENS LESCHENAULTII Wall.



E. T. Bourne.

IMPAETIENS LATIFOLIA L.

$\frac{1}{2}$ Nat.



After Wight.

IMPATIENS GOUGHII Wight.

D.R.F.^{son}

IMPAETIENS PHœNICEA Bedd.



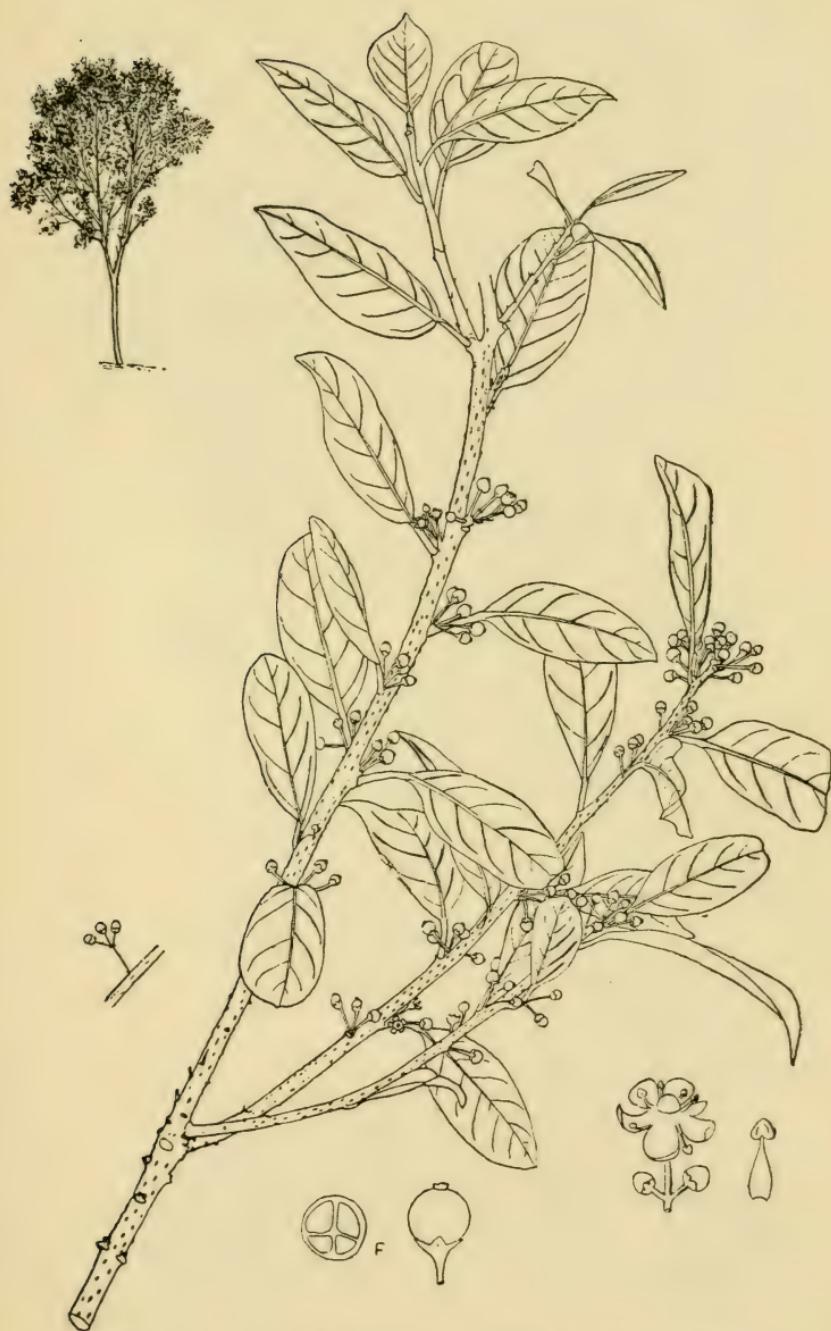
M. F. Harrison. TODDALIA ACULEATA Pers.



P. F. Fyson

MAPPIA FŒTIDA

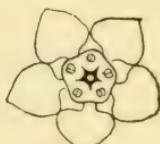
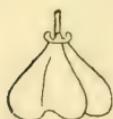
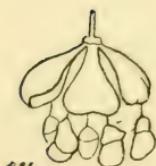
Miers



R.Natesan

ILEX WIGHTIANA

Walt.



R. Nataeson

EUONYMUS CRENULATUS Wall



Nabesana

MICROTROPI^S RAMIFLORA Night.



MICROTROPIS OVALIFOLIA Wt

—
G. F. Jones



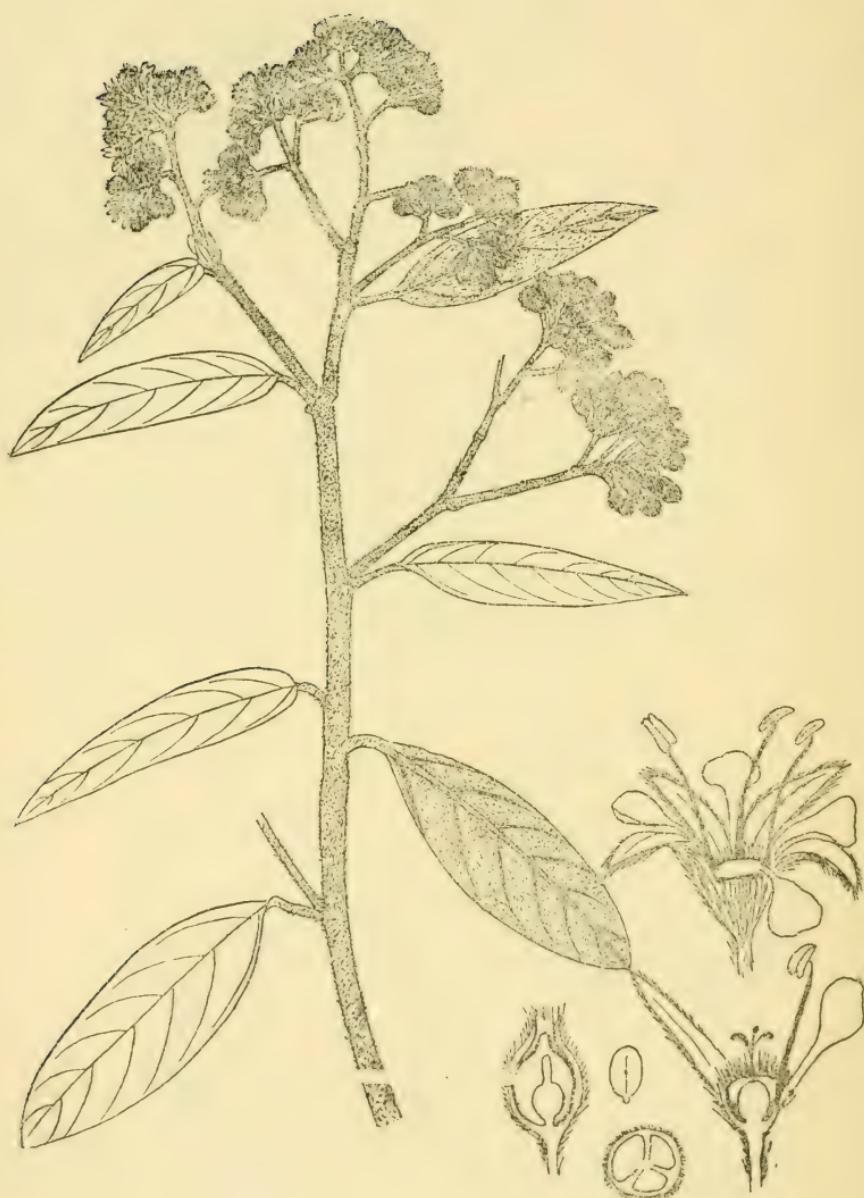


RHAMNUS VIRGATUS Roxb.



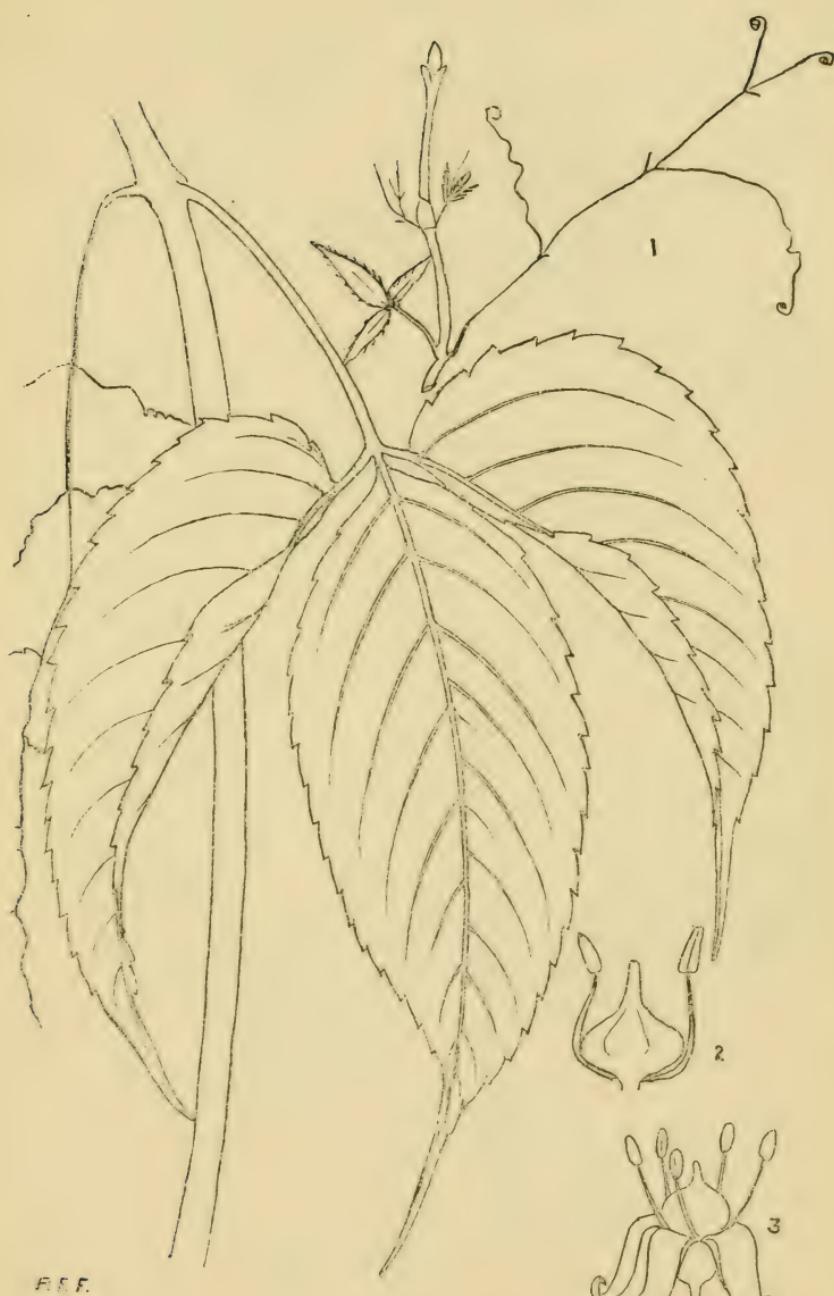
E. T. Bourne.

RHAMNUS WIGHTII W. & A.



R. Natesan.

POMADERRIS LANIGERA Sims.



B.F.F.

VITIS ANAMALAYANA Bodd.



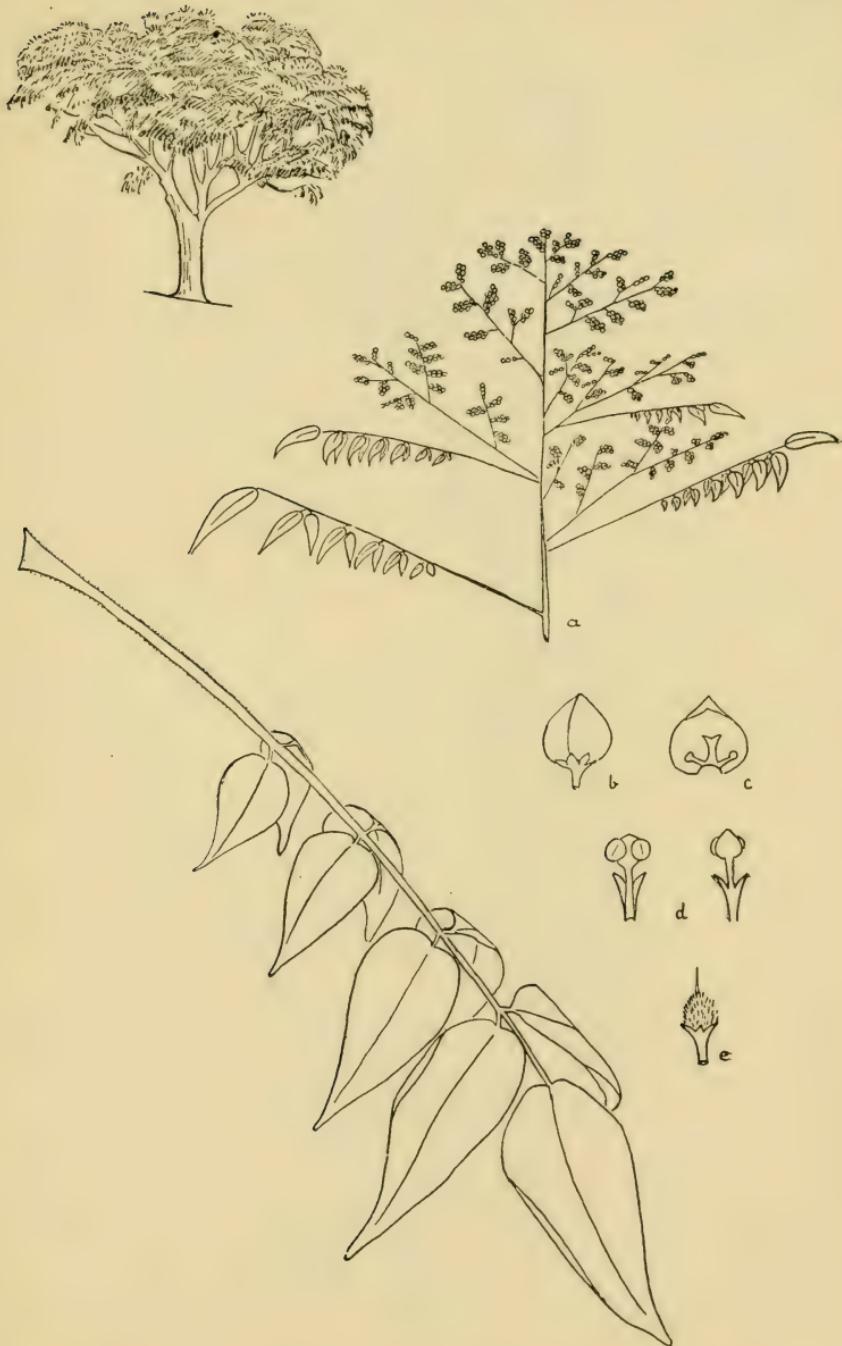
E. T. Bourne,

DODONÆA VIScosa L.





R. Natesan. MELIOSMA WIGHTII Planch.





M. F. Harrison.

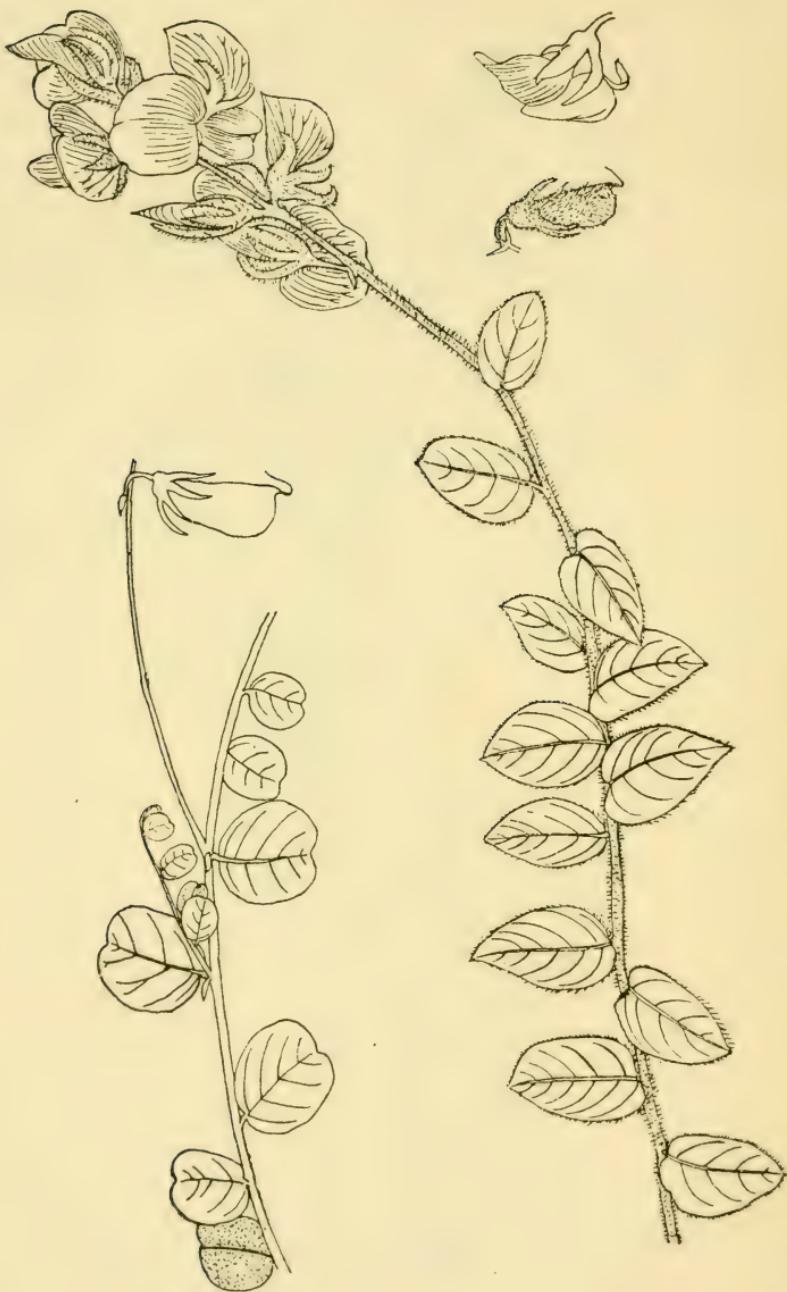
ULEX EUROPAEUS L.



E. T. Bourne.

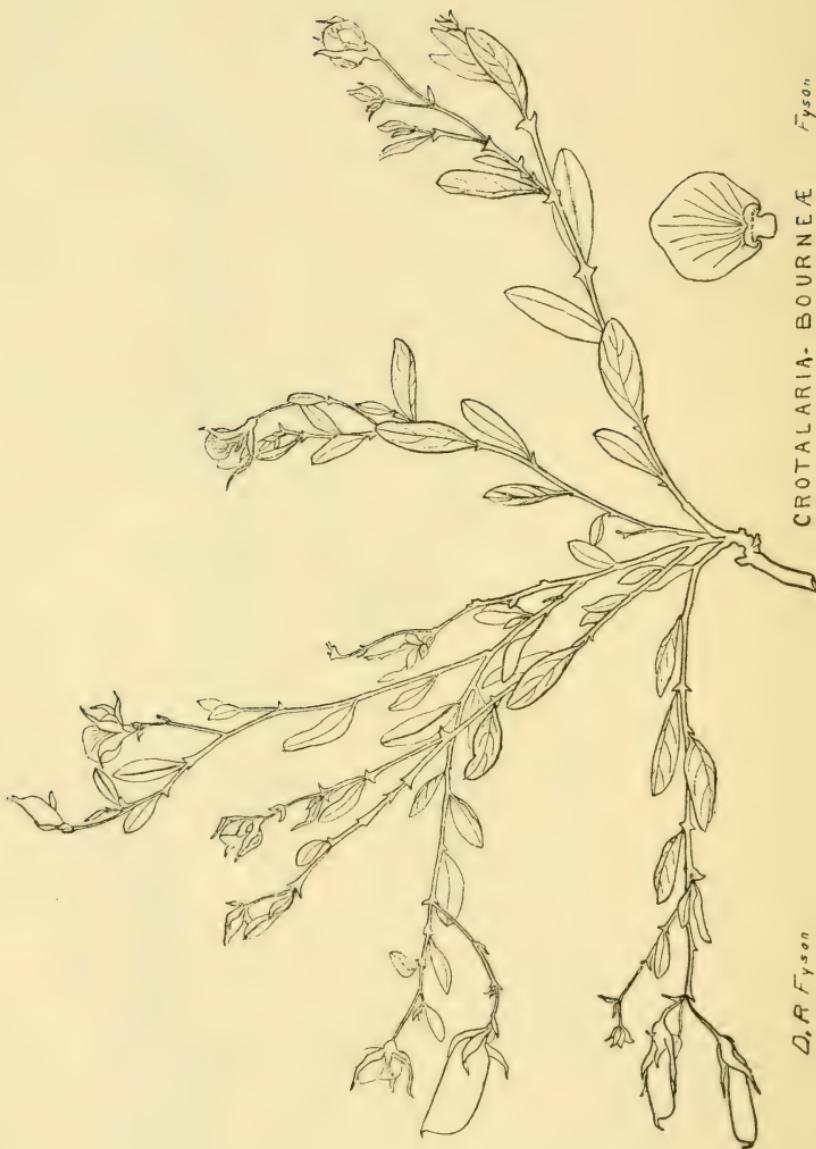
CYTISUS SCOPARIUS Link.

CROTALARIA FYSONI Donn.





CROTALARIA OVALIFOLIA Wall.



F. F. S.

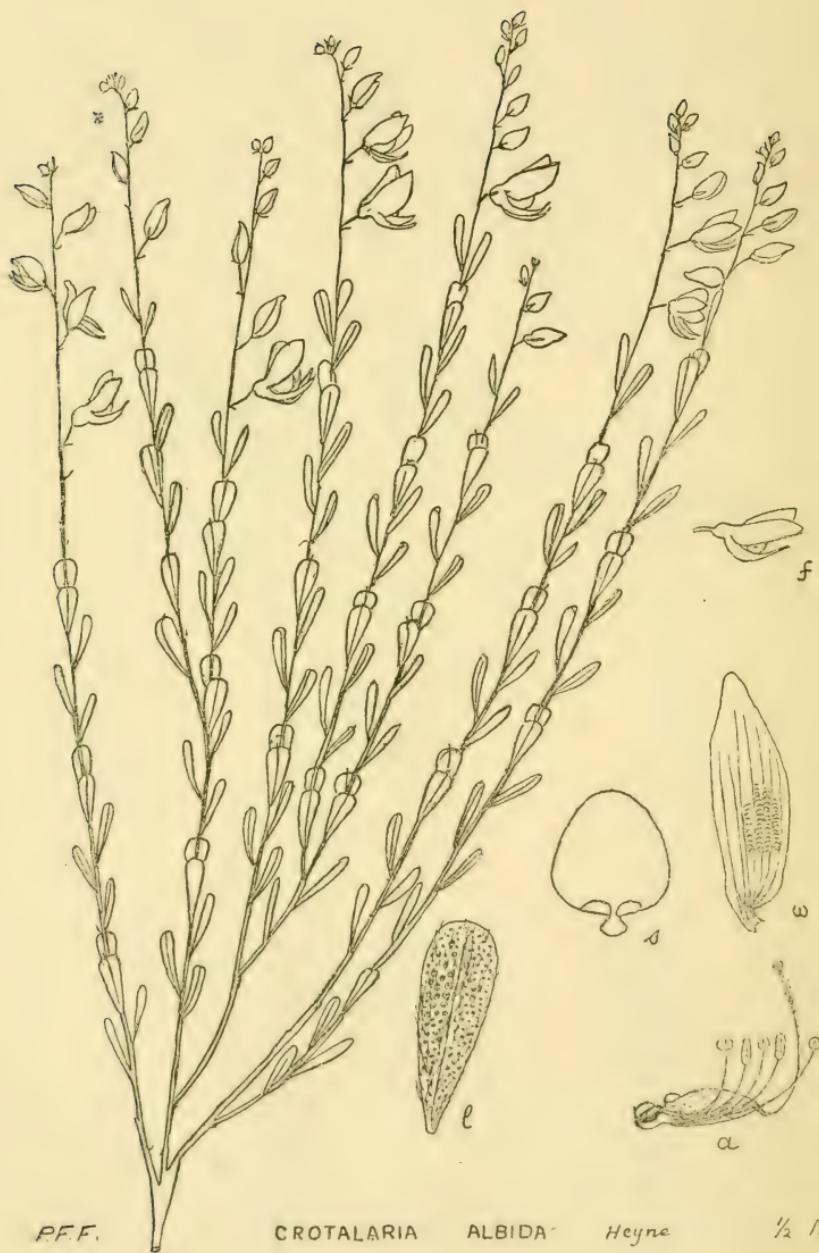
CROTALARIA. BOURNEÆ

D. R. F. F. S.



D.R. Fyfe

CROTALARIA SCABRELLA W&A.



P.F.F.

CROTALARIA

ALBIDA

Heyne

½ N.



ET Barne

CROTALARIA FORMOSA Graham

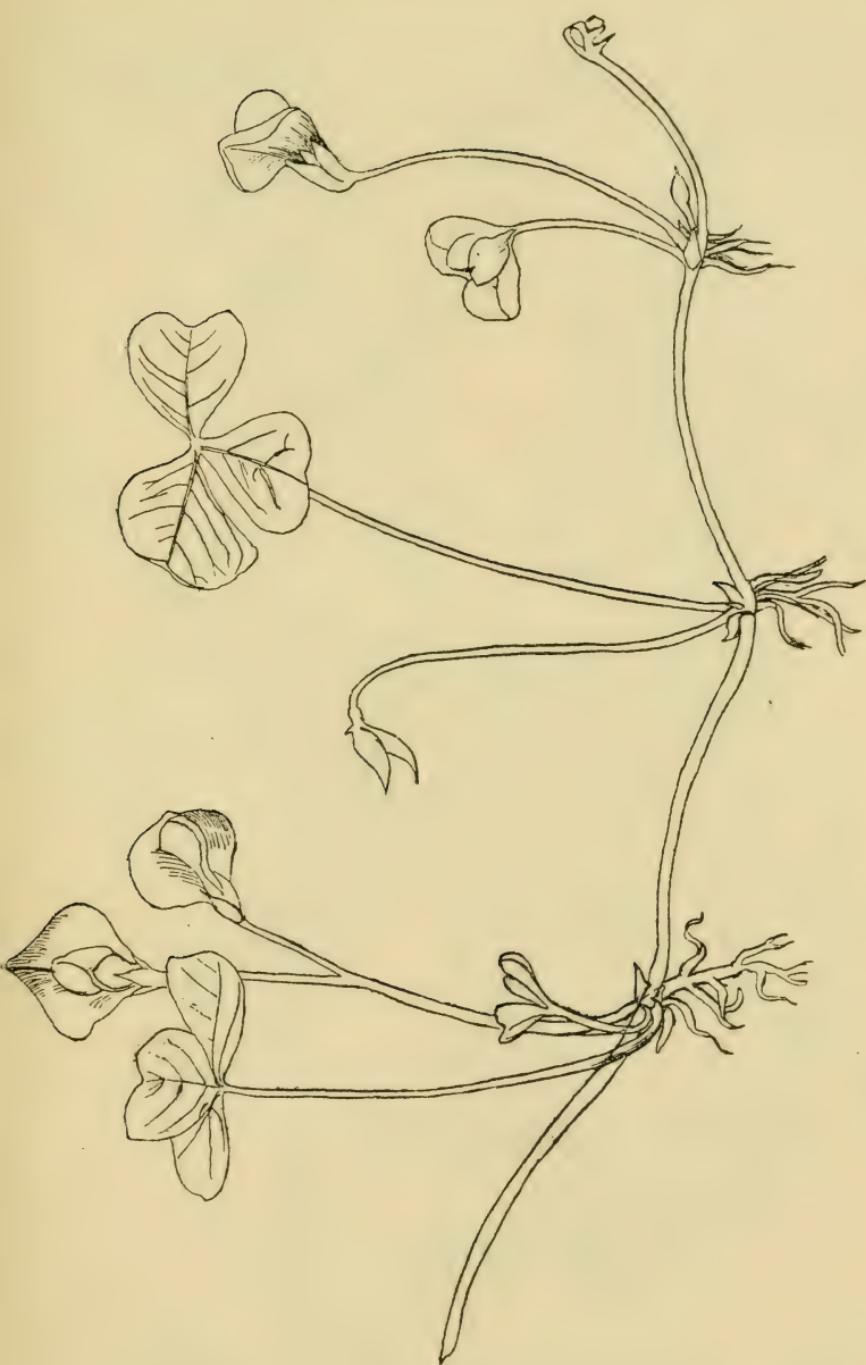




E. T. Bourne. CROTALARIA SEMPERFLORENS Vent.



CROTALARIA MADURENSIS W.

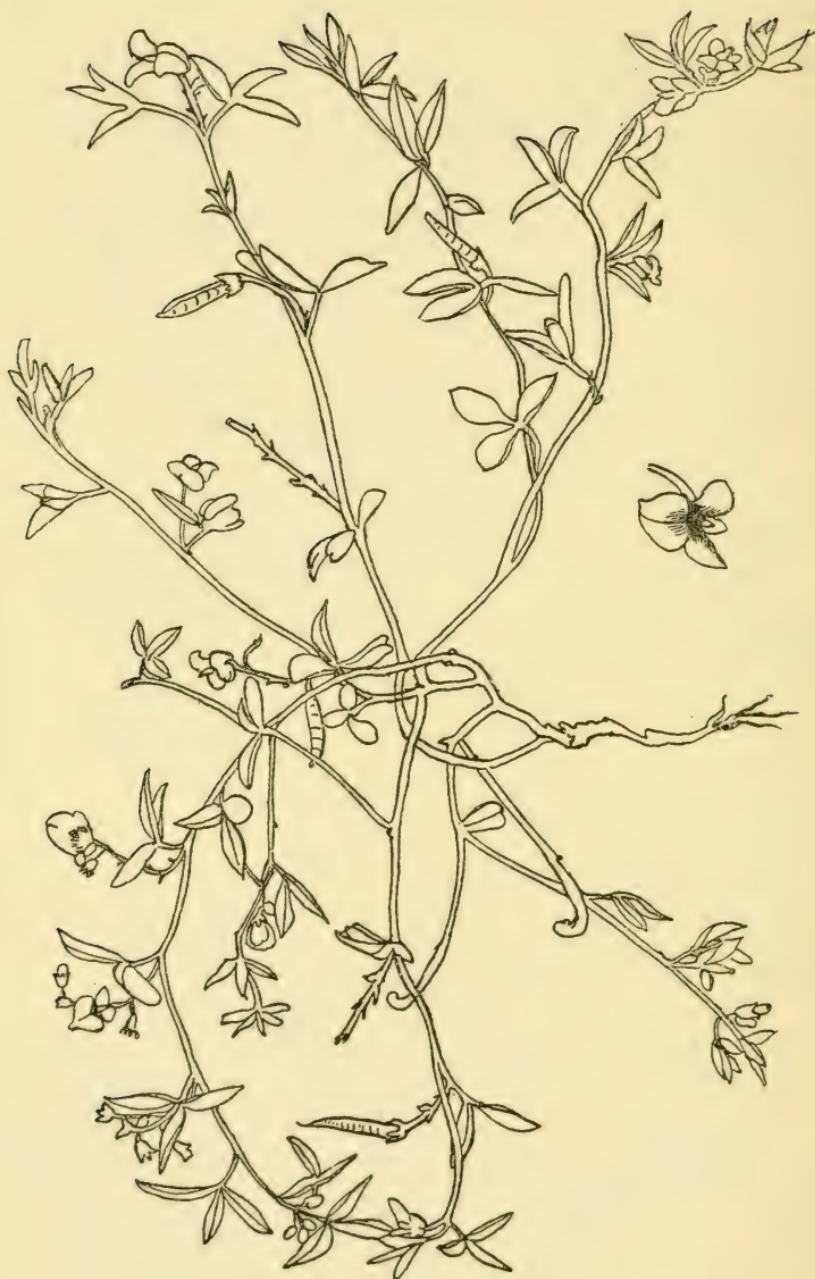


D.C. Hammick

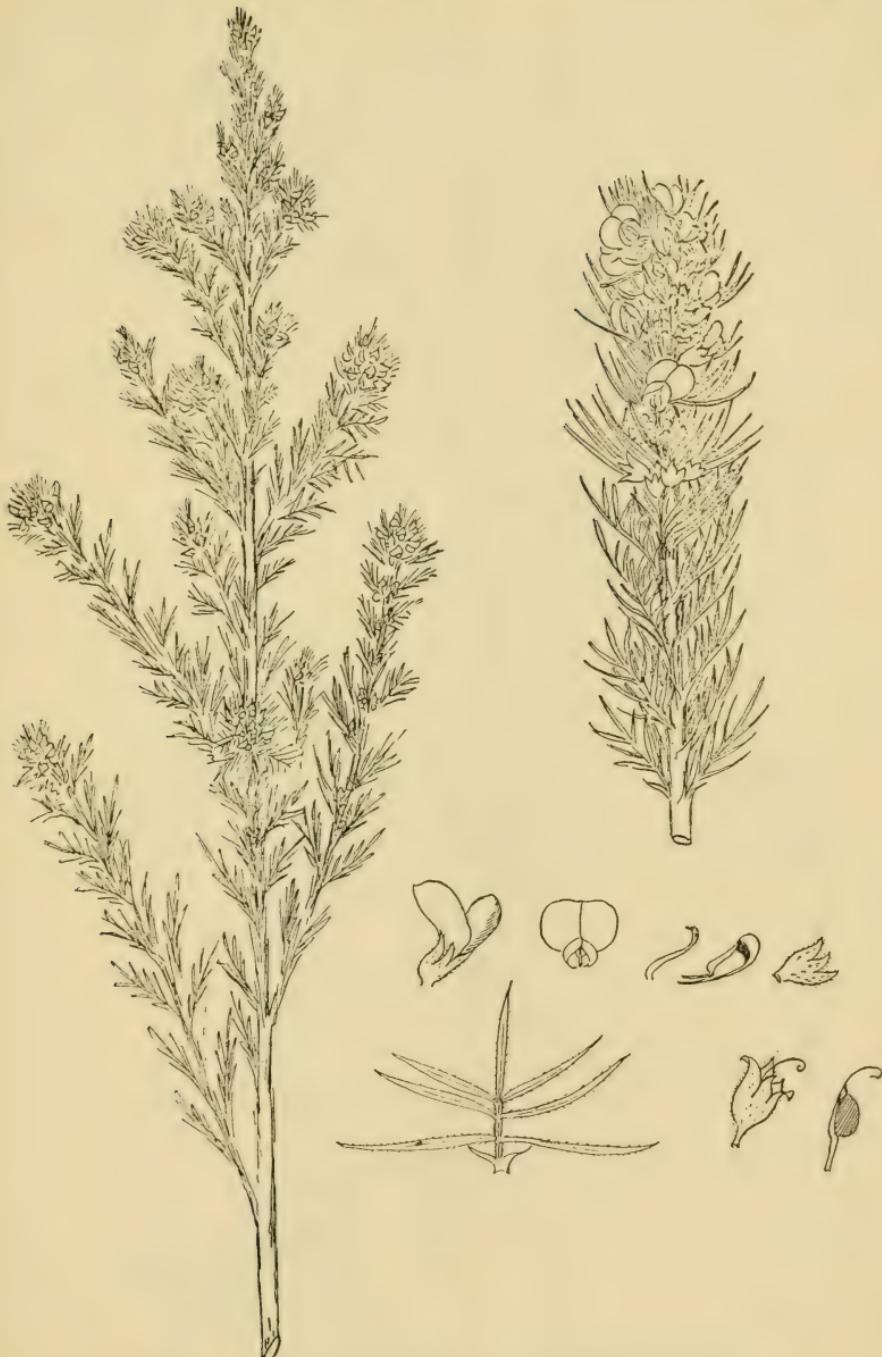
PAROCHETUS

COMMUNIS

Hamilton.



INDIGOFERA PEDICELLATA W. & A.



M. F. Harrison.

PSORALEA PINNATA.



E. T. Bourne.

DESMODIUM SCALPE DC.



AN *DESMODIUM PARVIFOLIUM*. DC.



VICIA SATIVA Linn.





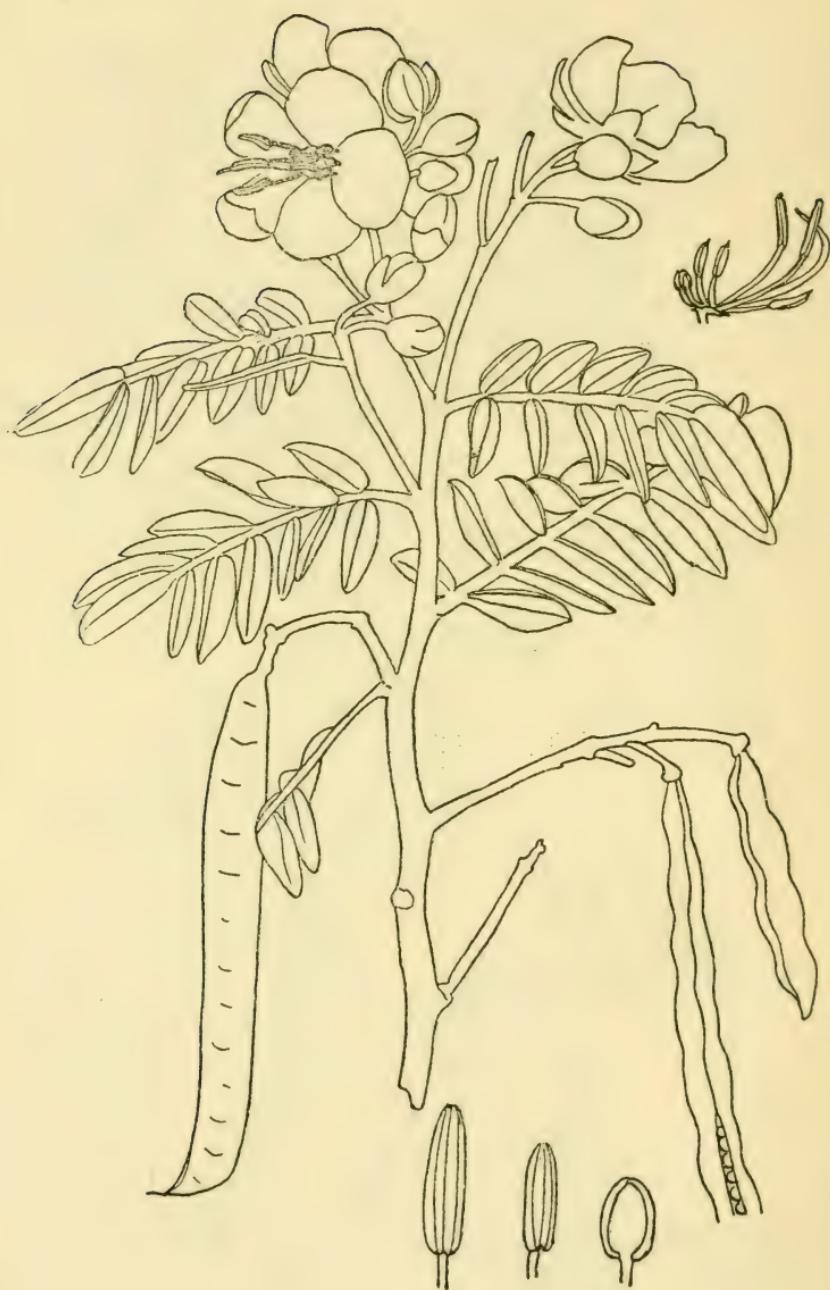
R. Natesan.

SOPHORA GLAUCA *Lesch.*



E. T. Bourne.

CASSIA LÆVIGATA Willd.



M. Henman.

CASSIA TOMENTOSA Linn.



M. F. Harrison. ACACIA MELANOXYLON R. Br.



E. T. Bourne.

ACACIA DEALBATA Link.

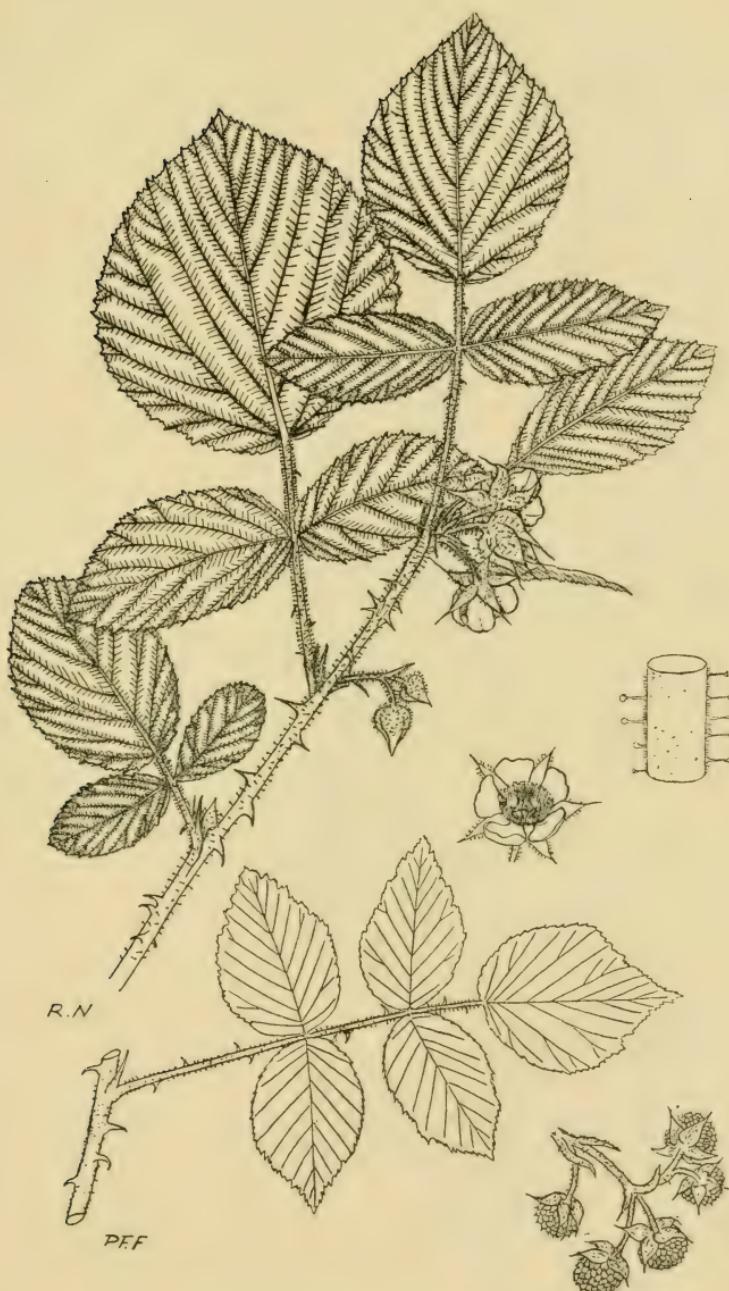


PRINSEPIA UTILIS Royle

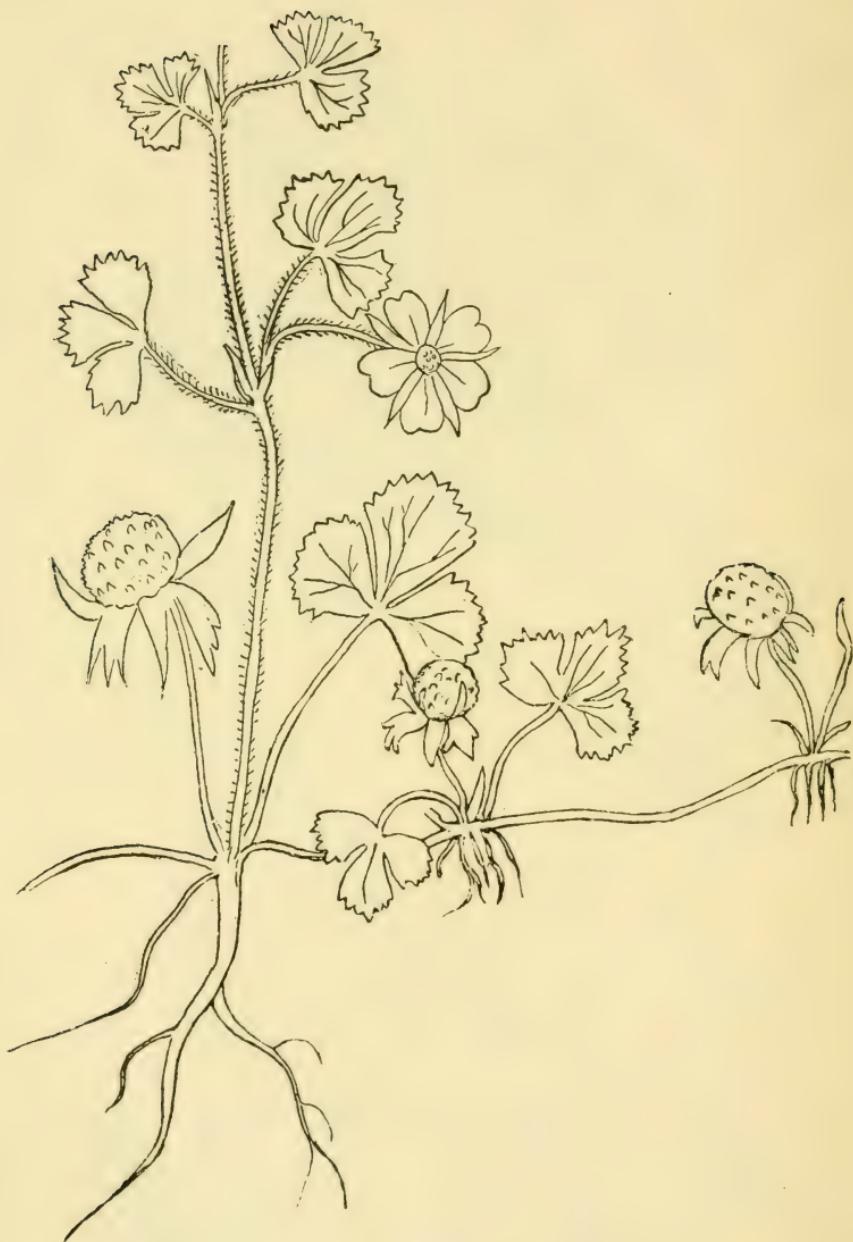


P. F. Kyson. RUBUS MOLUCCANUS L.

B. N. At.



RUBUS RACEMOSUS Roxb.



Nora Rowson

FRAGARIA INDICA Andr.



FRAGARIA NILGERRENSIS Schldr.

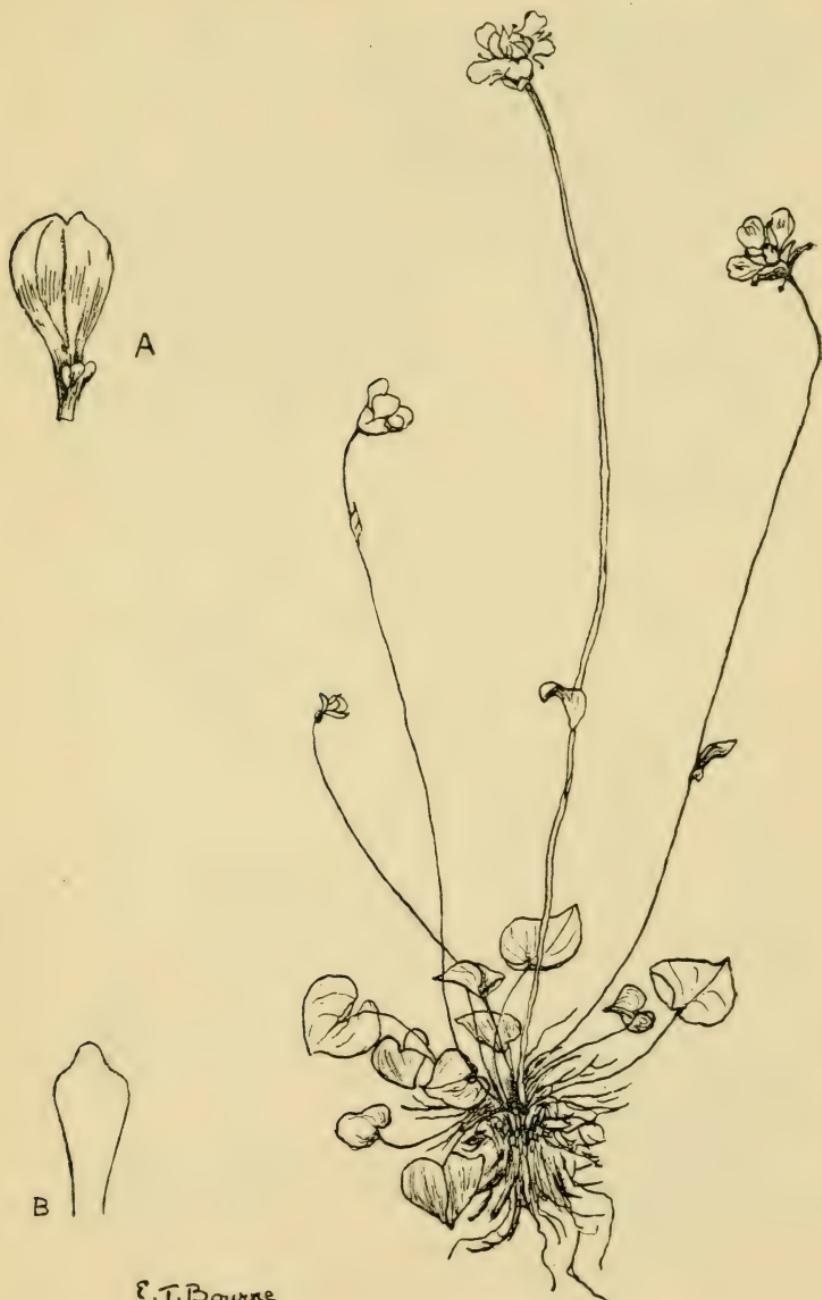


R. Natesan. POTENTILLA LESCHENAULTIANA Ser.



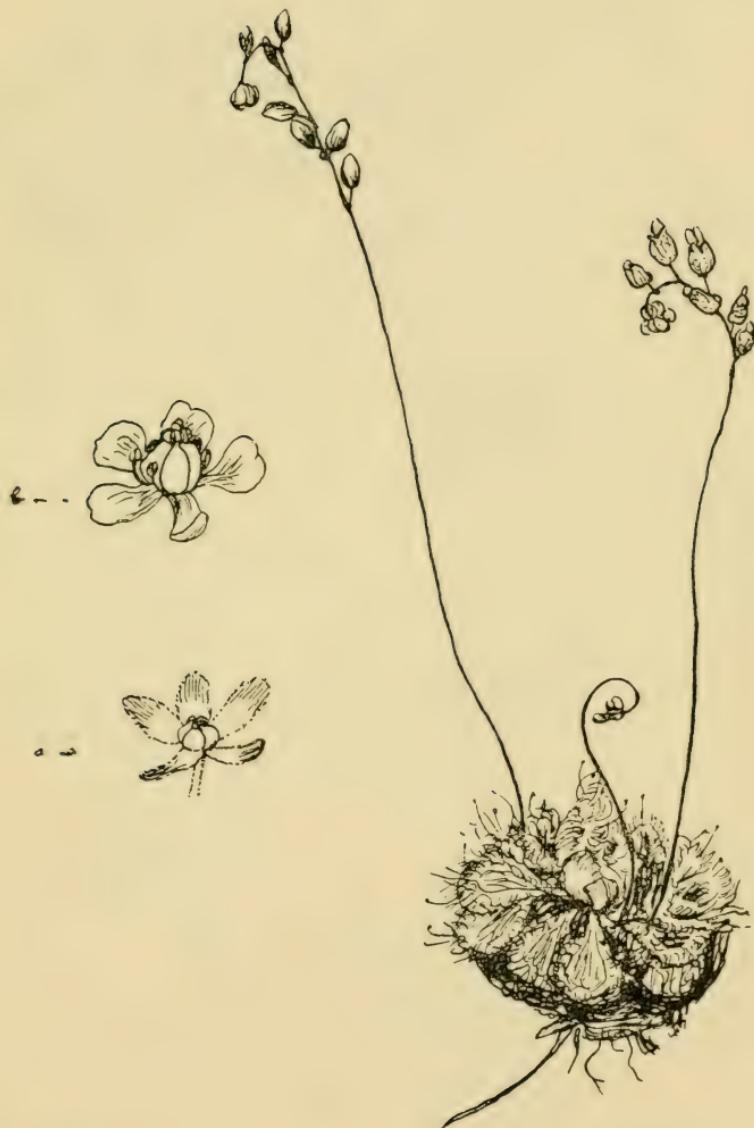
ROSA LESCHENAULTIANA W.C.A.





PARNASSIA MYSORENSIS Heyne





? T. Bourne.

DROSERA BURMANNI Vahl



E. T. Brumle

DROSERA PELTATA Sm

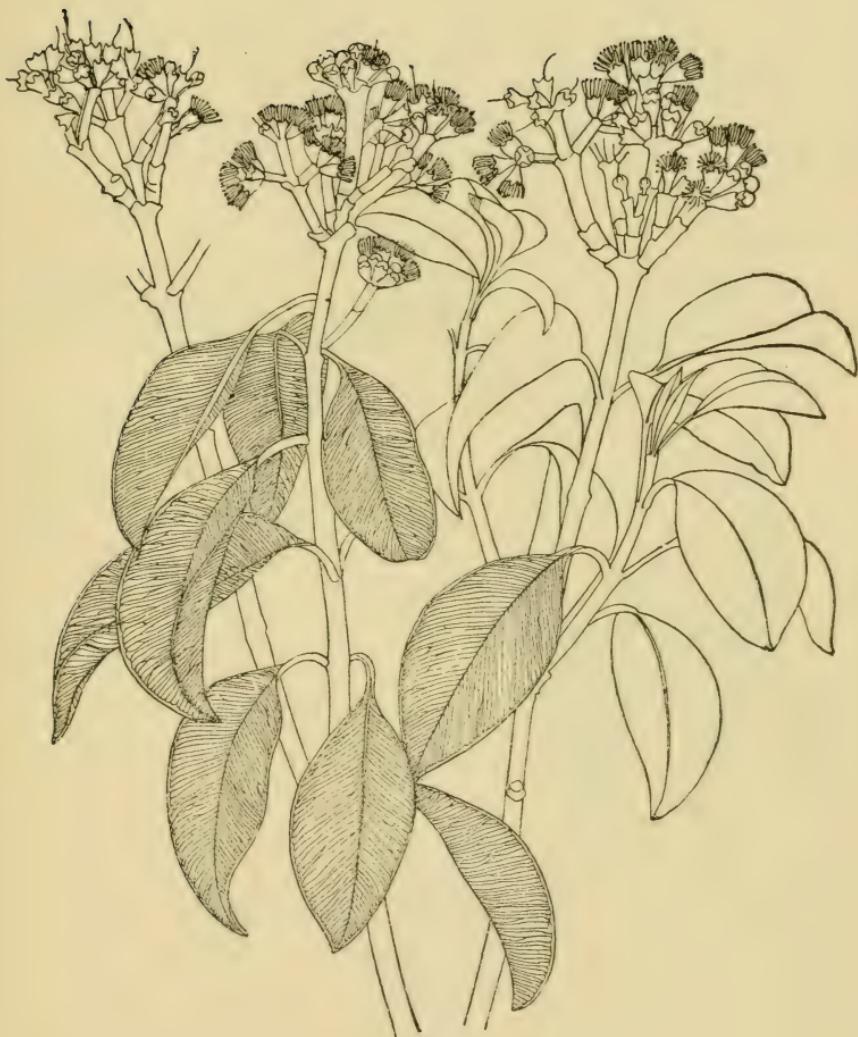


R. Natesan.

SYNCARPIA GLOMULIFERA Sm.



E T Bowne - RHODOMYRTUS TOMENTOSA Wight..



EUGENIA ARNOTTIANA. Wight

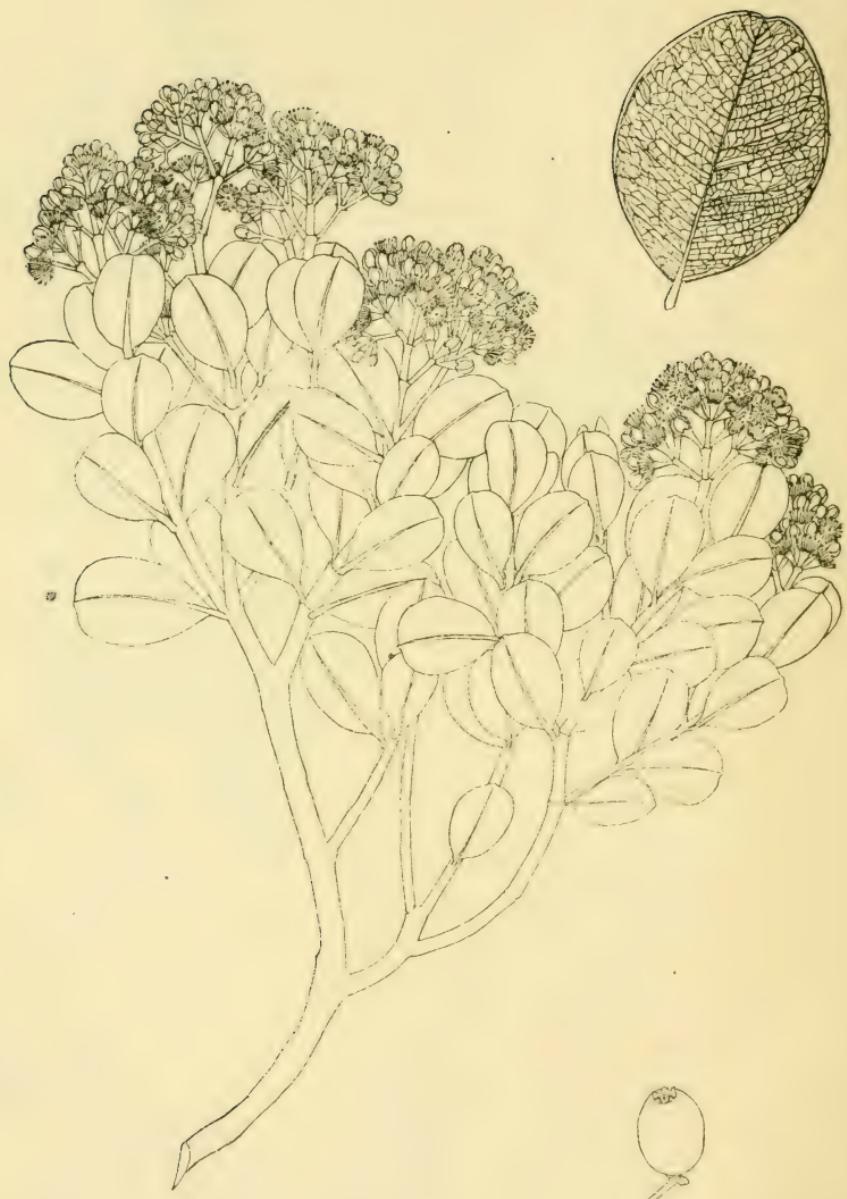




R. Natesan

EUGENIA MONTANA Wt.





Natesan

EUGENIA CALOPHYLLIFOLIA

Wt.



R. Natesan. OSBECKIA CUPULARIS Don.
8



OSBECKIA WIGHTIANA Benth



OSBECKIA LESCHENAULTIANA DC.



M.F. Harrison

ŒNOTHERA ODORATA Jacq.



M. F. Harrison

ŒNOTHERA TETRAPTERA L.



H.F. Hennings

FUCHSIA FULGENS

Moq et Lessé.



M.F. RAOUlt

PASSIFLORA

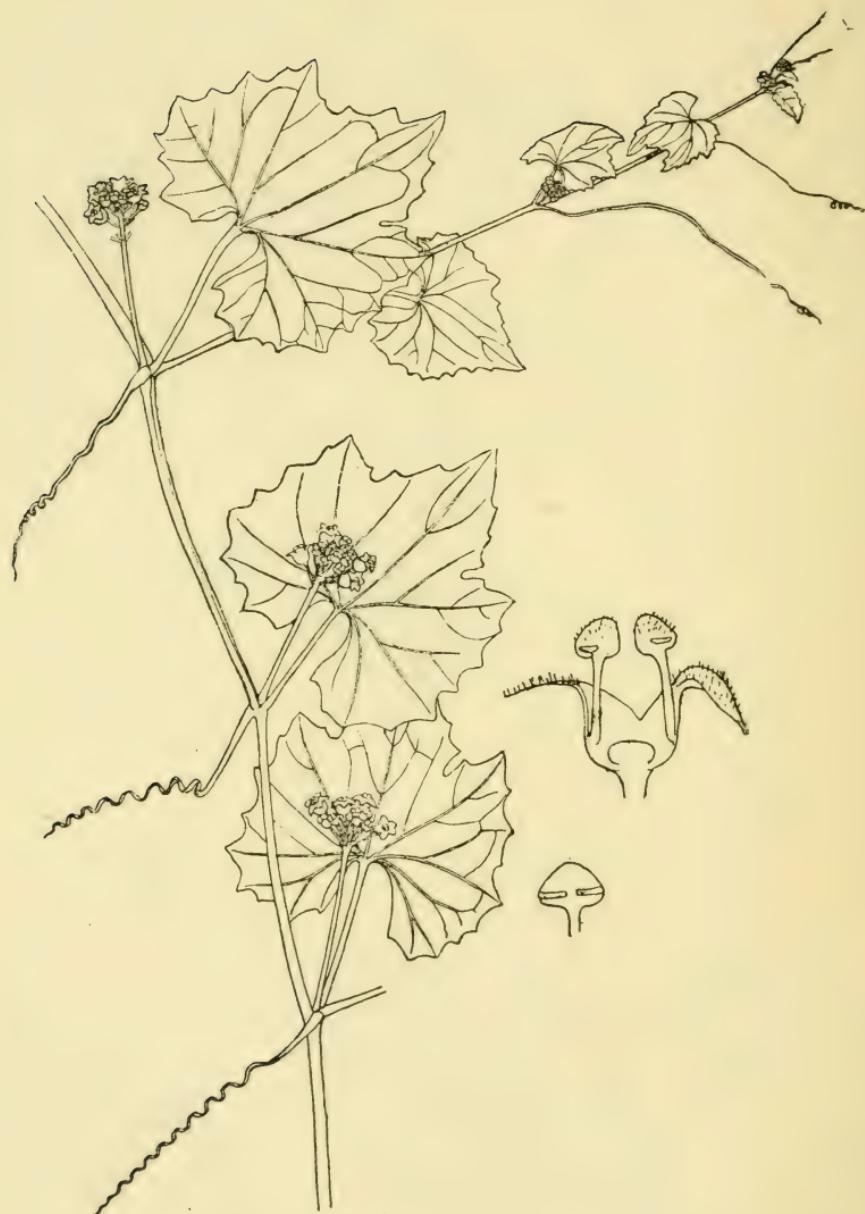
LESCHENAULTII

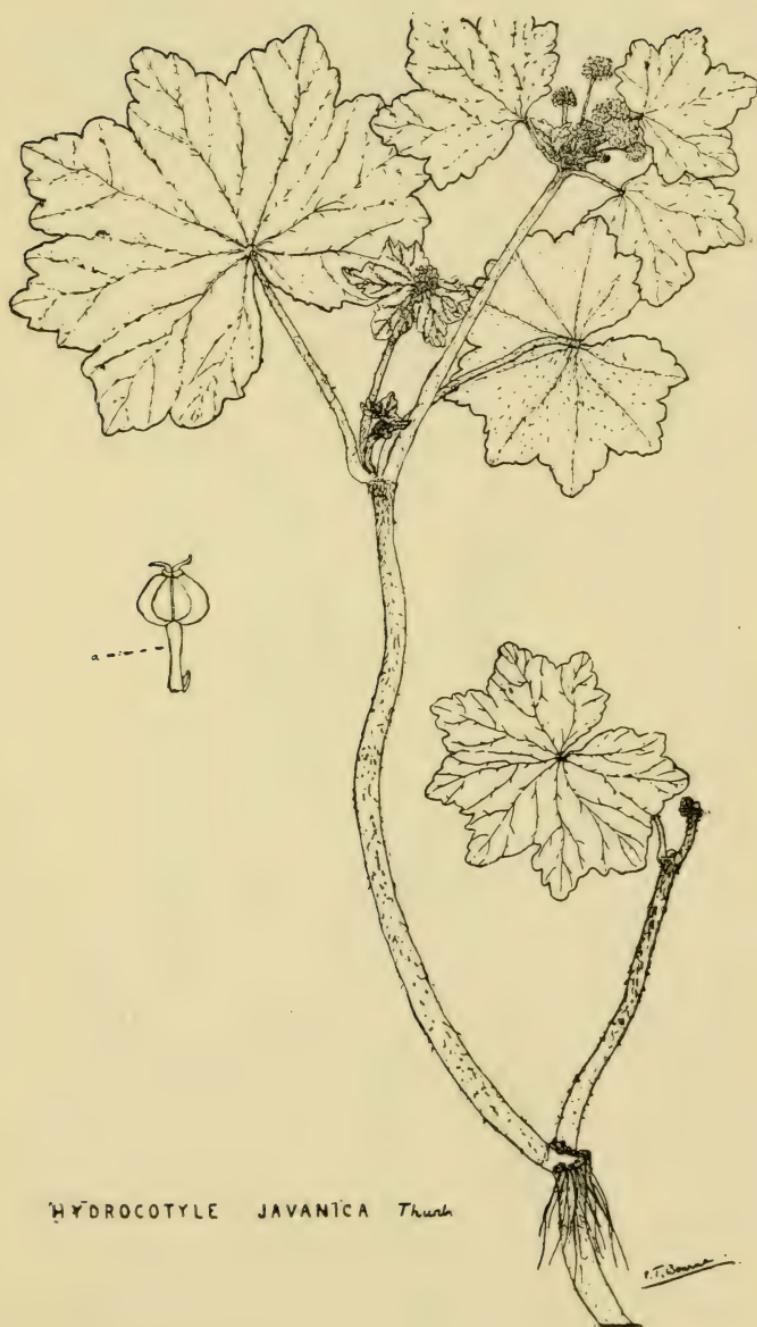


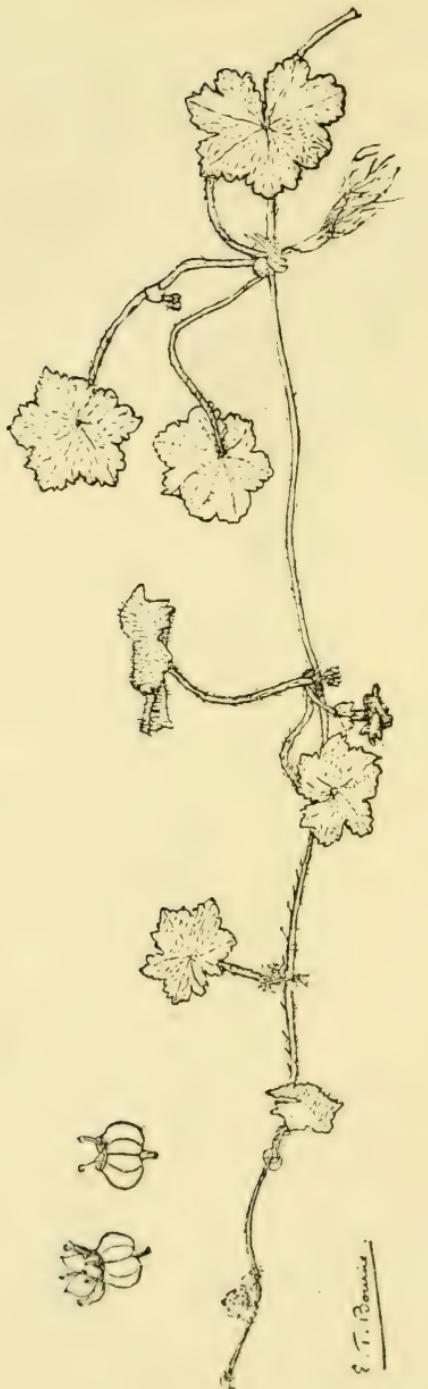
R Natesan PASSIFLORA CALCARATA Mast.



PASSIFLORA EDULIS Sims.

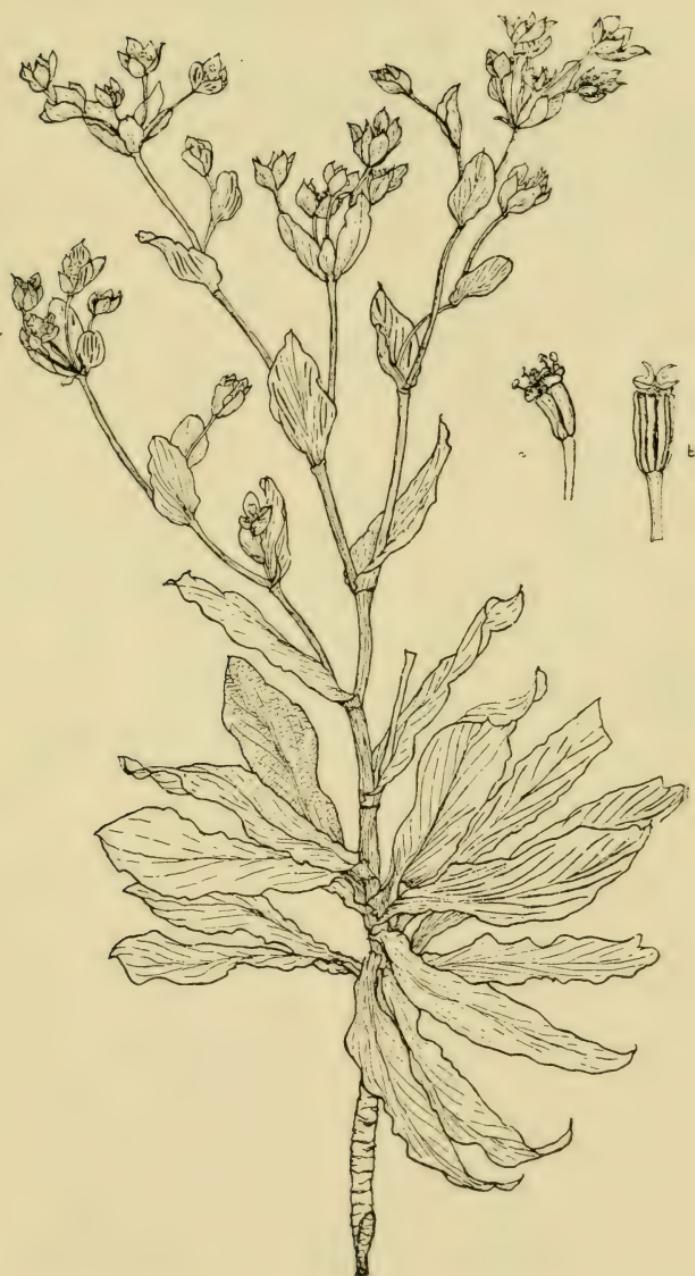
MELOTHRIA PERPUSILLA *Cogia*



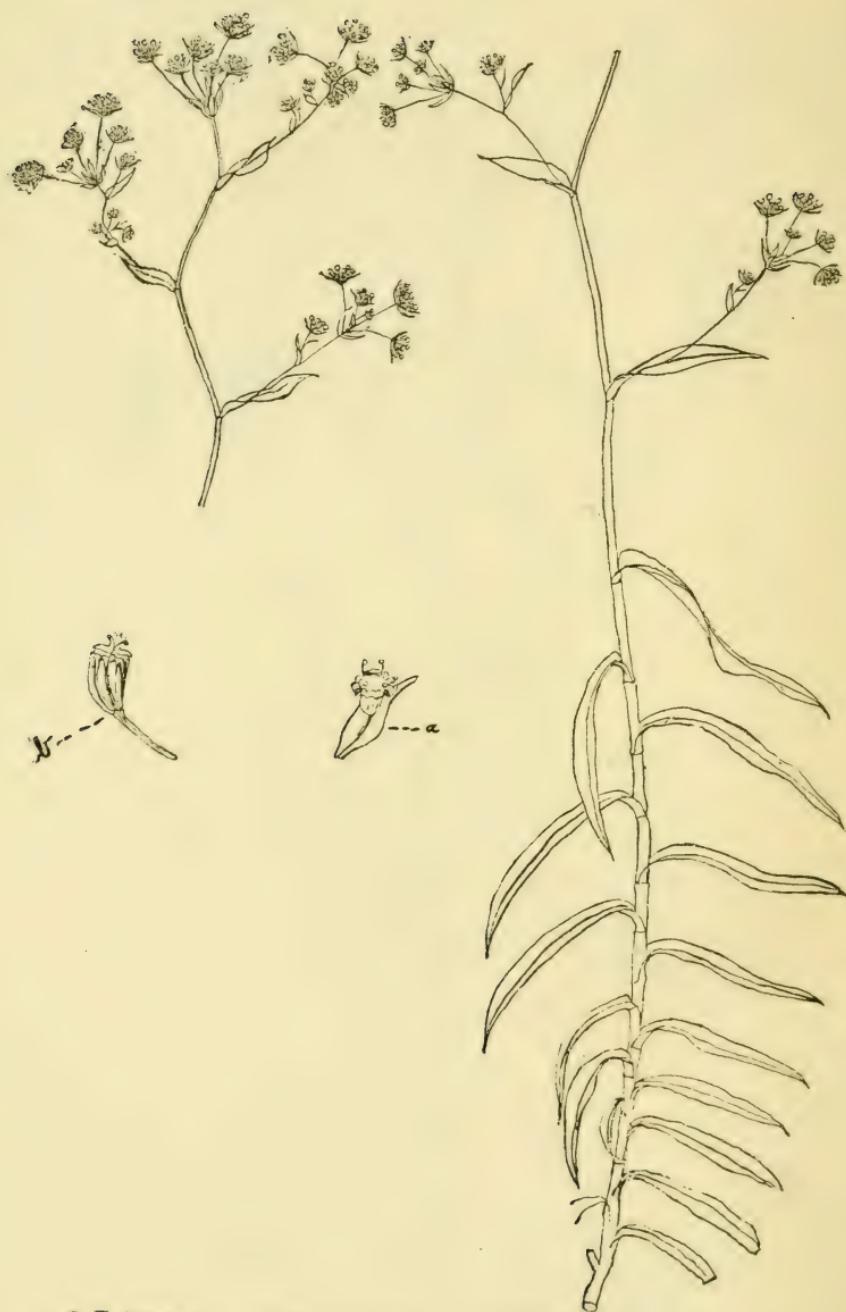


HYDROCOTYLE CONFERTA. L. f. light.

1. T. 13 mm.



E. T. Bourne. BUPLEURUM PLANTAGINIFOLIUM Wt.



A. T. Bourne

BUPLEURUM MUCRONATUM

W. & A.



BUPLEURUM DISTICHOphyllum W. & A.



D.R. Fyson

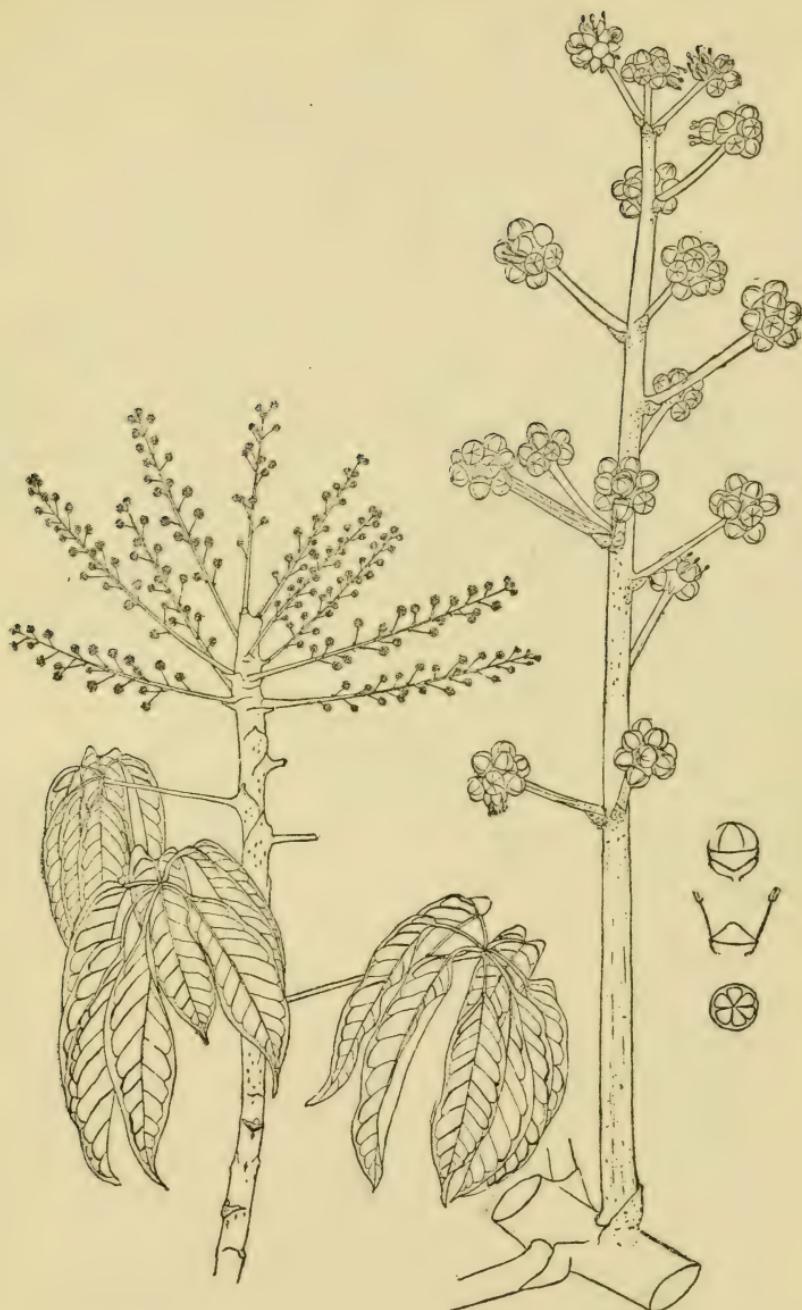
PIMPINELLA LESCHENAULTII DC.



PIMPINELLA CANDOLLEANA W. & A.

D. R. Fyson.



*R. Natesan**BRASSAIA**CAPITATA**C. B. Clarke*

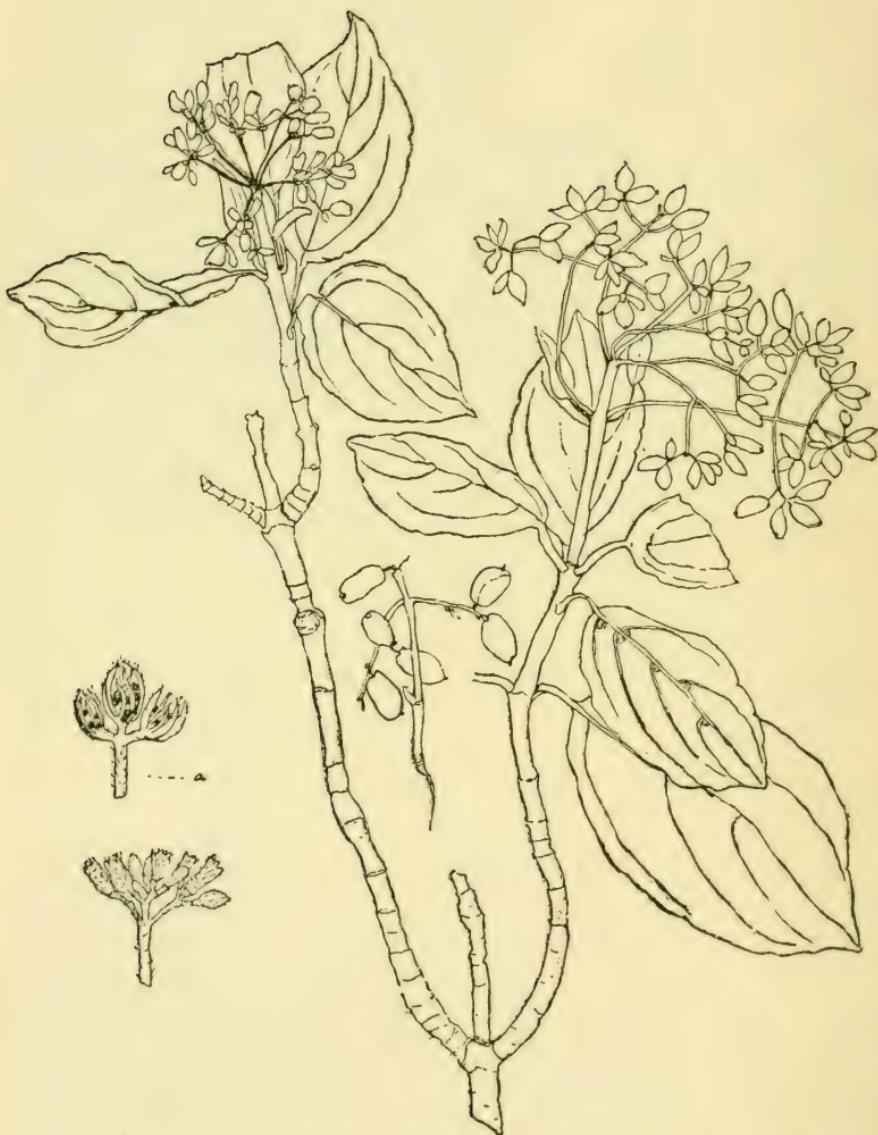


R. Nalesii.

VIBURNUM ACUMINATUM DC.



R. Natesan. VIBURNUM CORIACEUM Blume.
var. CAPITELLATA.



E.T.Bourne.

VIBURNUM

HEBANTHUM

W&A.



LONICERA LESCHENAUTII Woll.



E.T. Bourne

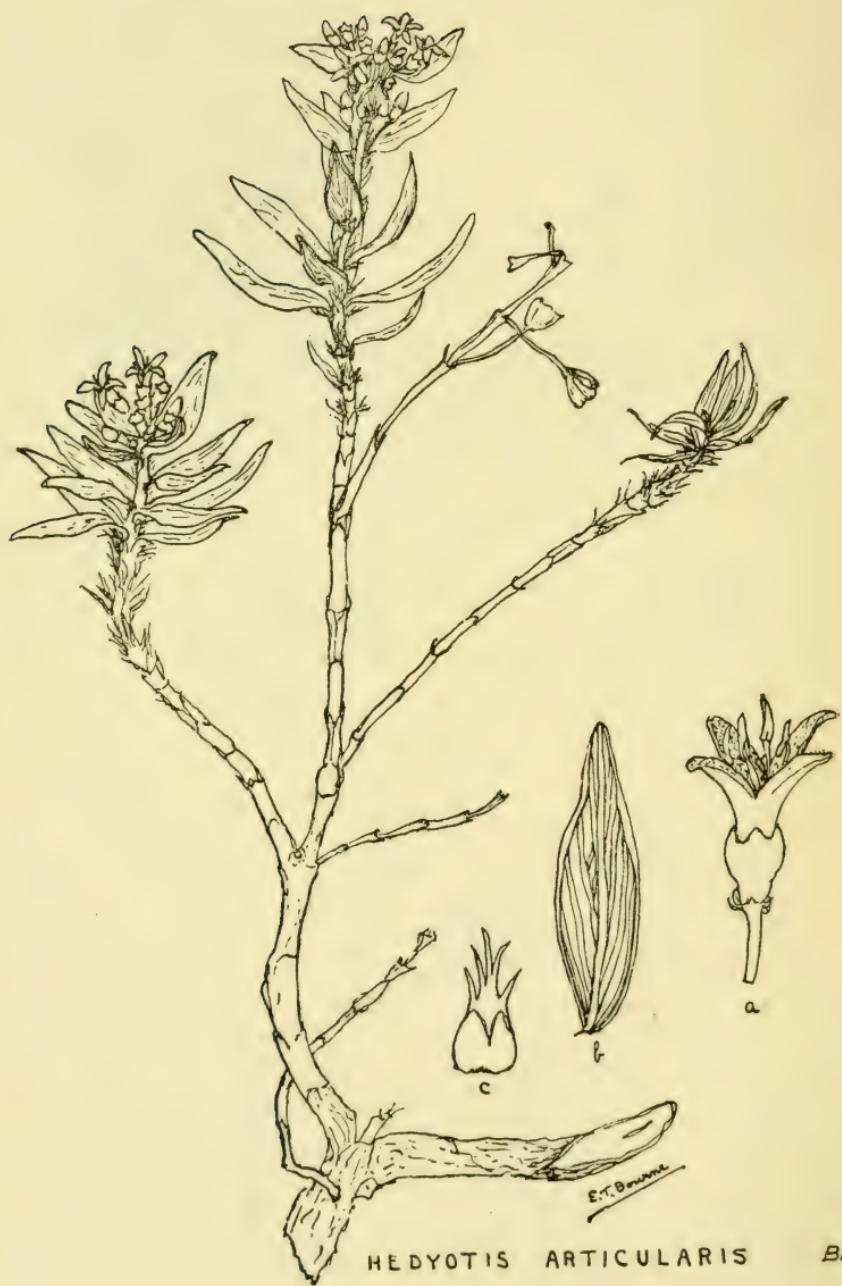
LONICERA

LIGISTRINA

Wall.

*E.T.Bourne**HEDYOTIS STYLOSA*

8r



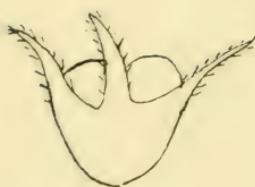
HEDYOTIS ARTICULARIS

Br.



M. F. Harrison.

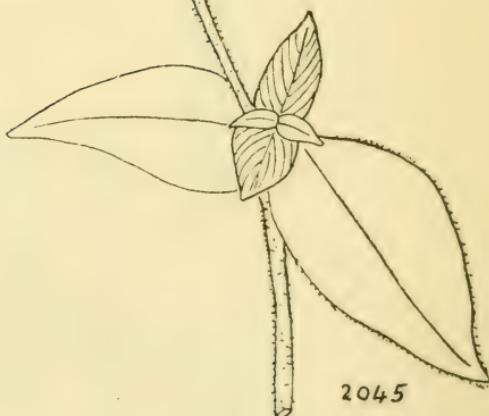
Anotis leschenaultiana var. *affinis*.



P.F.F.
after

R.Natesan

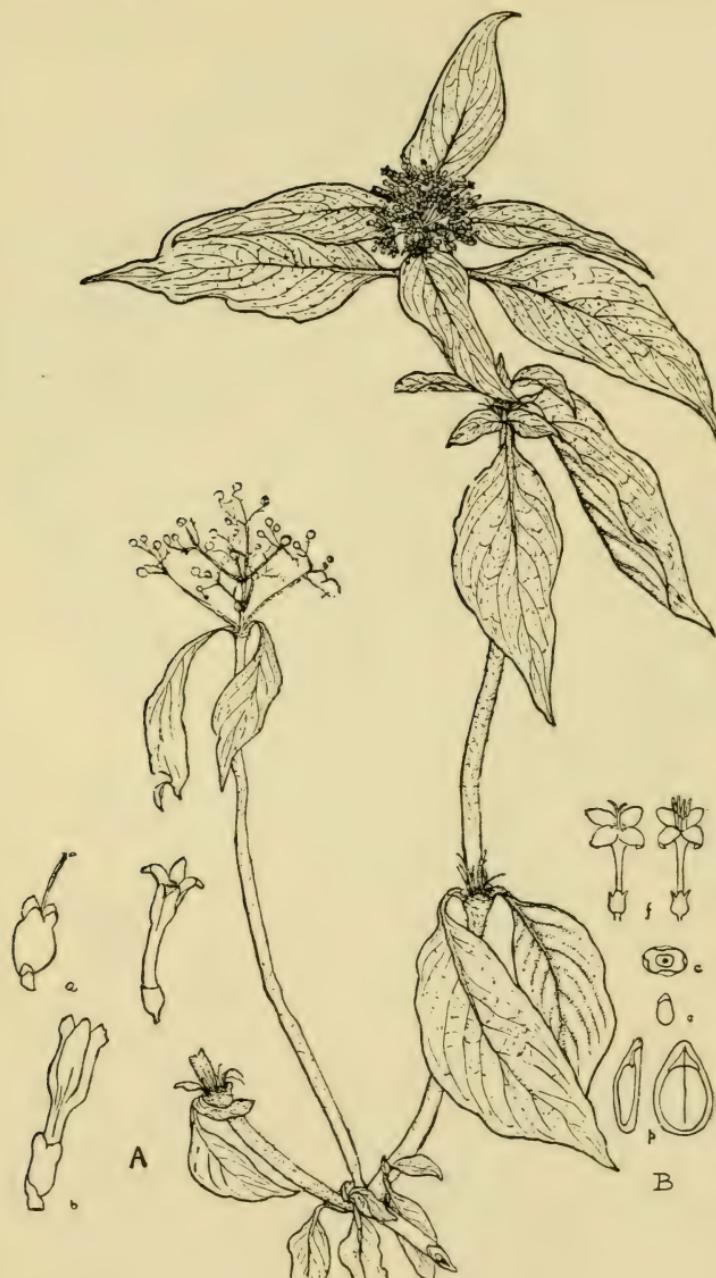
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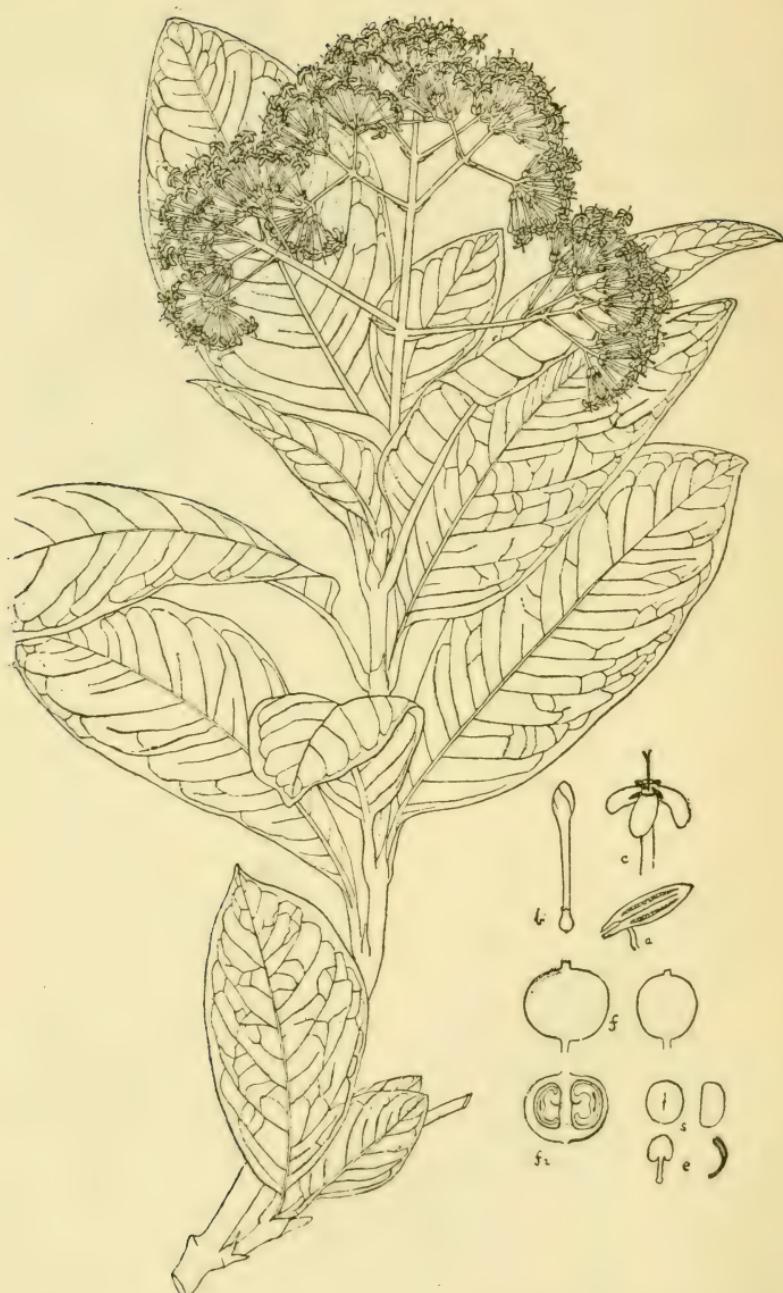
ANOTIS SP.

3/4 Nat



E. T. Bourne.

KNOXIA MOLLIS W. & A.



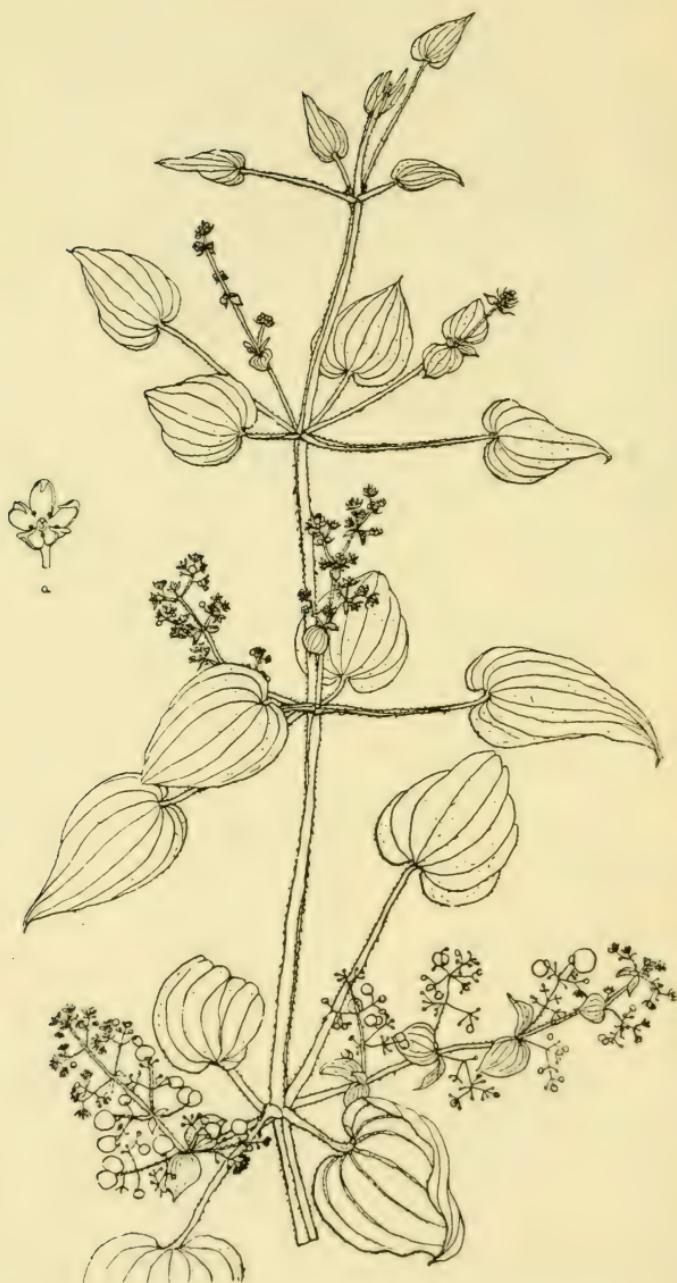
R. Natesan

IXORA NOTONIANA Wall.



after R.Natesan

LASIANTHUS VENULOSUS W.C.



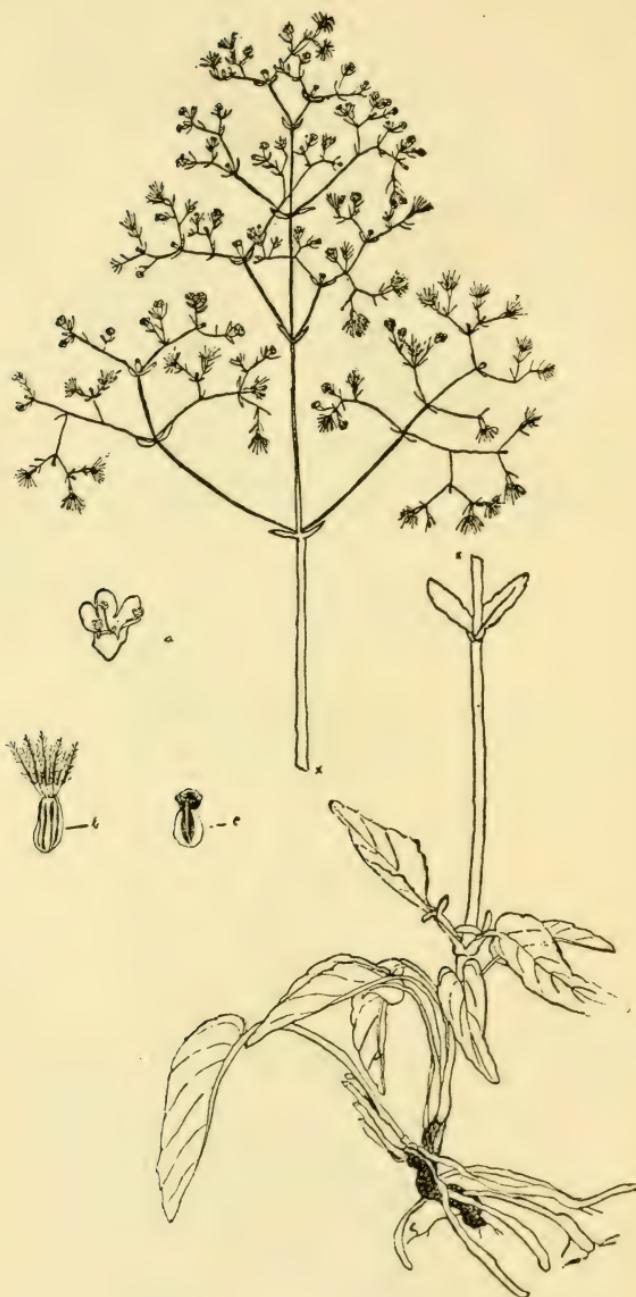
E. T. Bourne.

RUBIA CORDIFOLIA L.



E. T. Bourne.

VALERIANA HOOKERIANA W. & A.



E. T. Bourne. VALERIANA LESCHENAULTII DC.



DIPSACUS LESCHENAULTII Coul.



P.F.F.
after E. Patton.

CENTRATHERUM RETICULATUM Benth.



E. T. Bourne

VERNONIA CONYZOIDES DC.



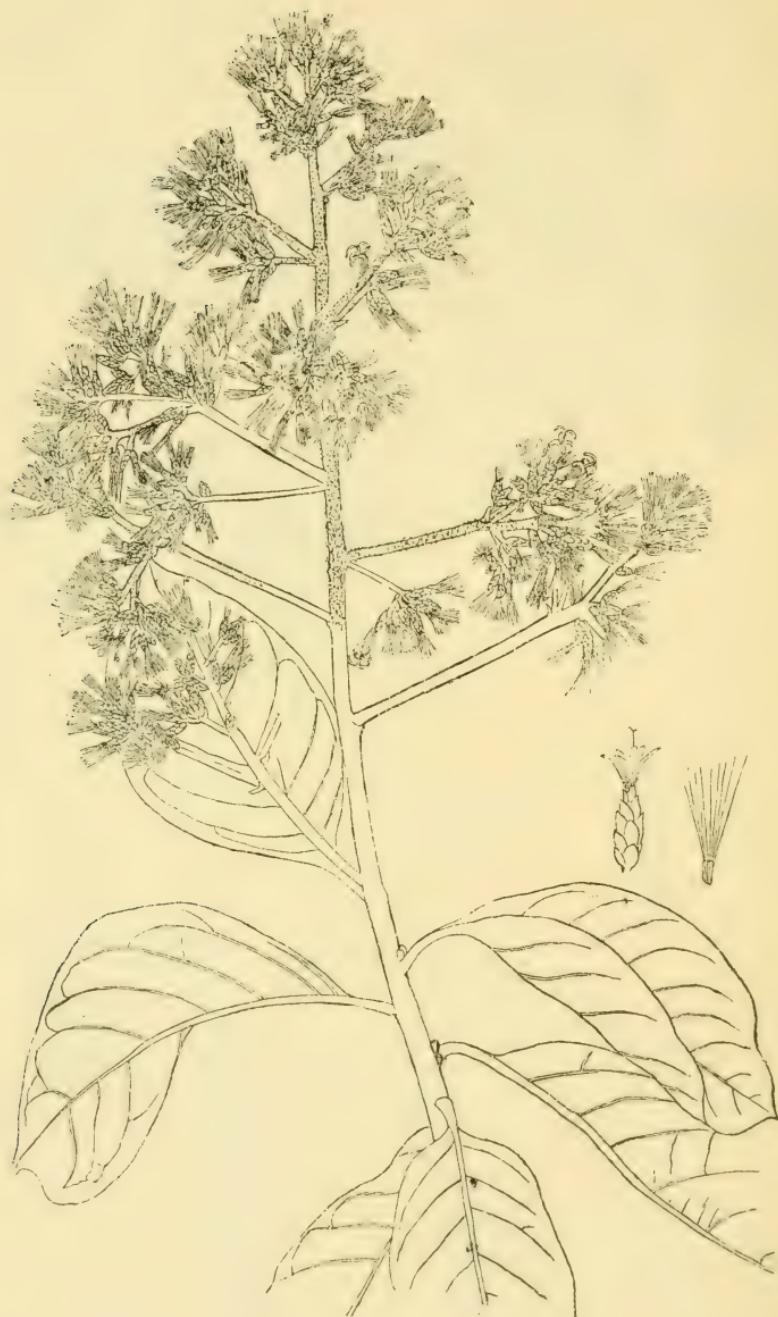
P.F.F. after
R Natesan

VERNONIA

CORMORINENSIS Sm.

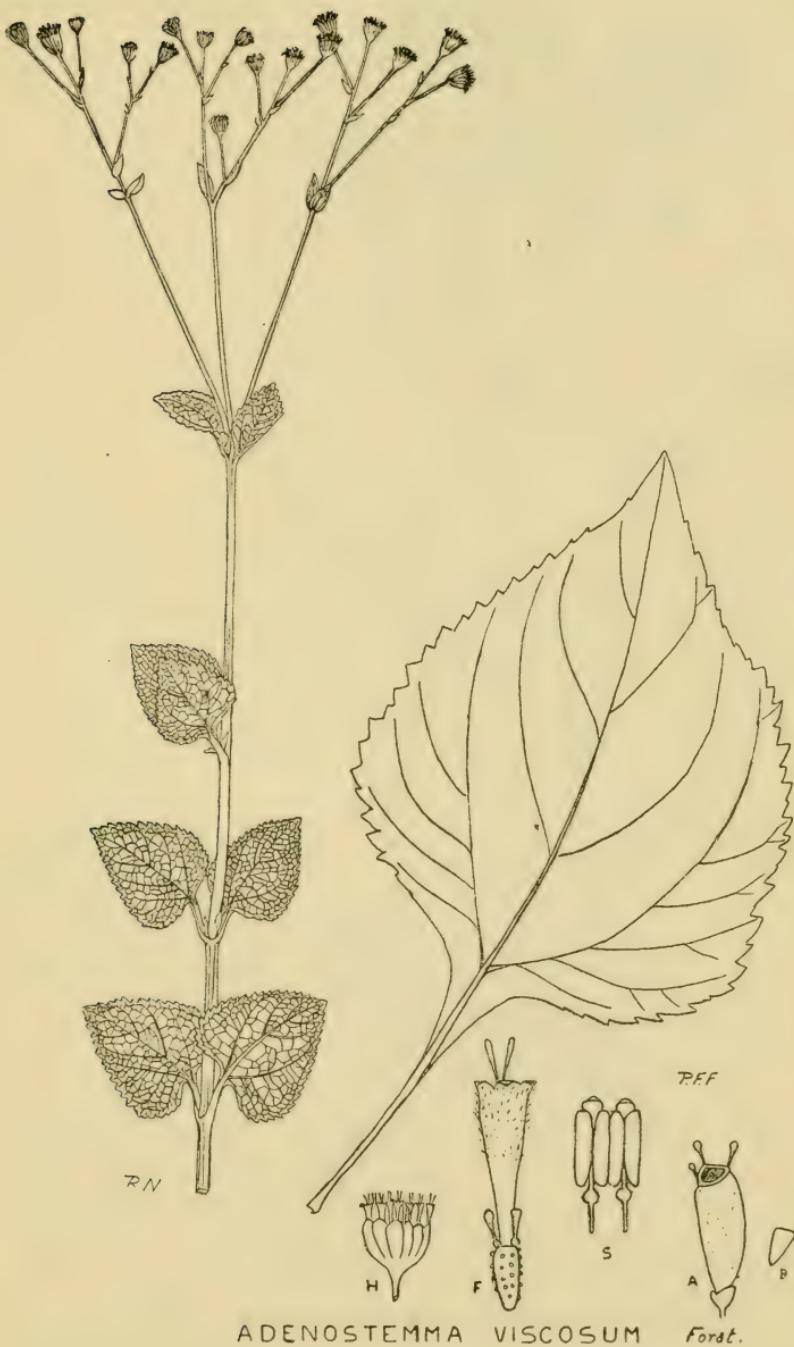


E. T. Bourne. VERNONIA PECTINIFORMIS Wight.



R. Natesan.

VERNONIA MONOSIS Benth.



ADENOSTEMMA VISCOsum

Forst.

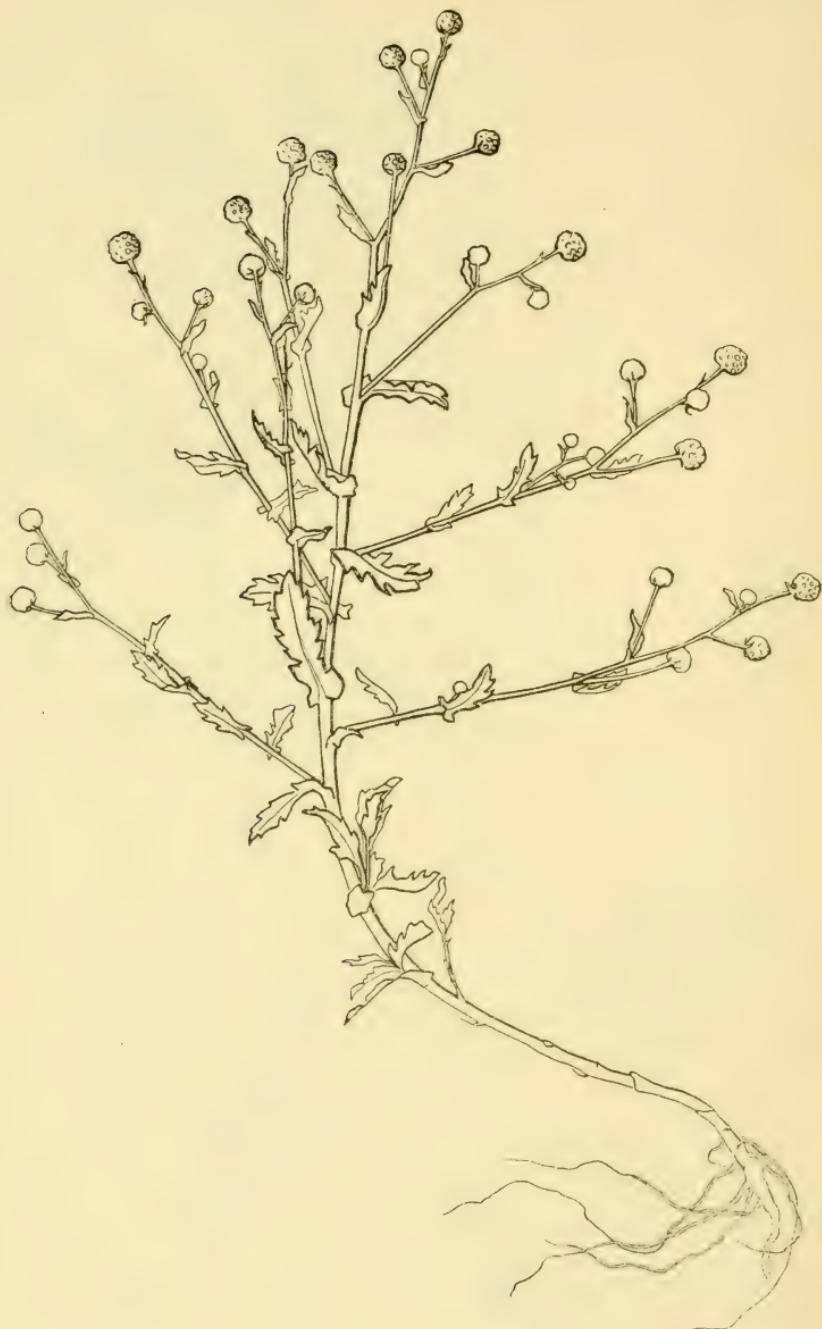


E. T. Bourne.

AGERATUM CONYZOIDES Linn.



D. R. Fyson. DICROCEPHALA LATIFOLIA DC.



D. R. Fyson. DICHROCEPHALA CHRYSANTHEMIFOLIA DC.



D. R. Fyson. DICHROCEPHALA CHRYSANTHEMIFOLIA DC.



D. R. Fyson.

MYRIACTIS WIGHTII DC.





R. Natesan.

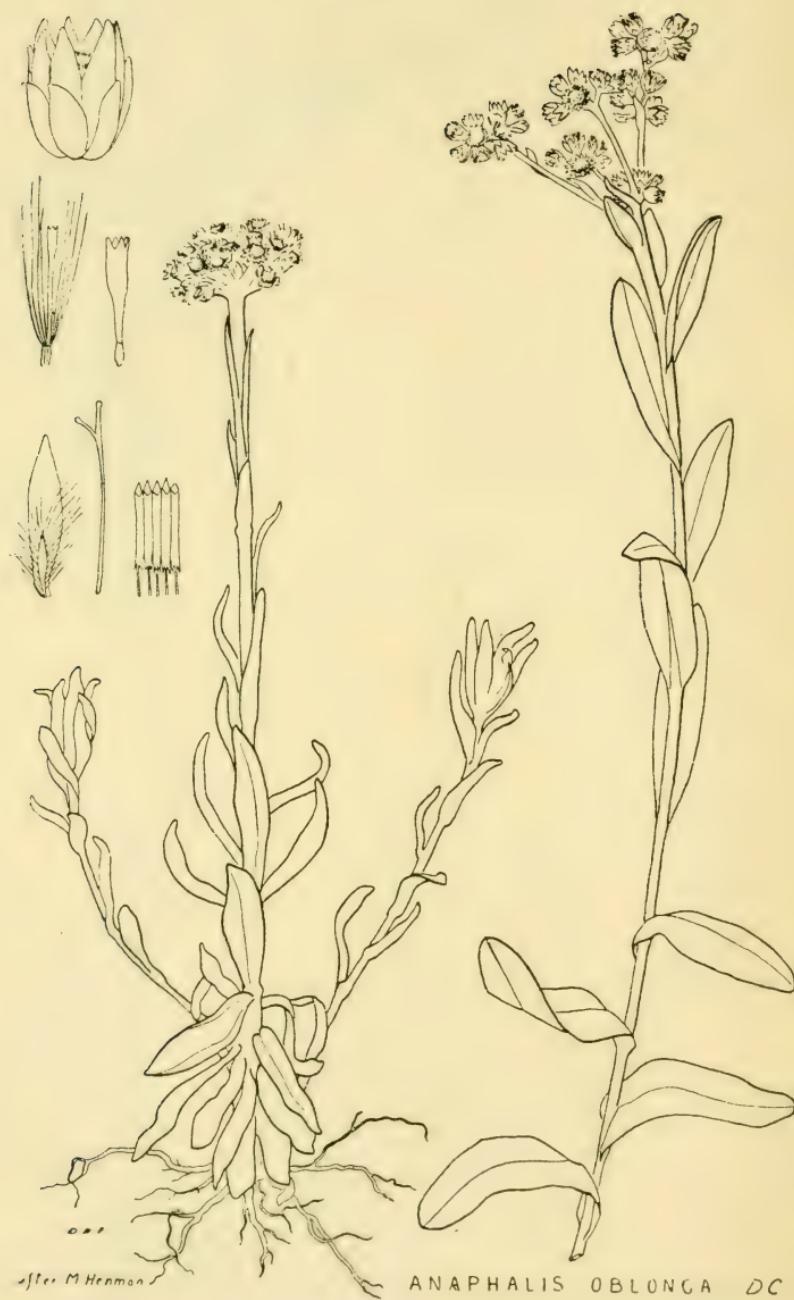
ANAPHALIS BEDDOMEI Hook f. AN

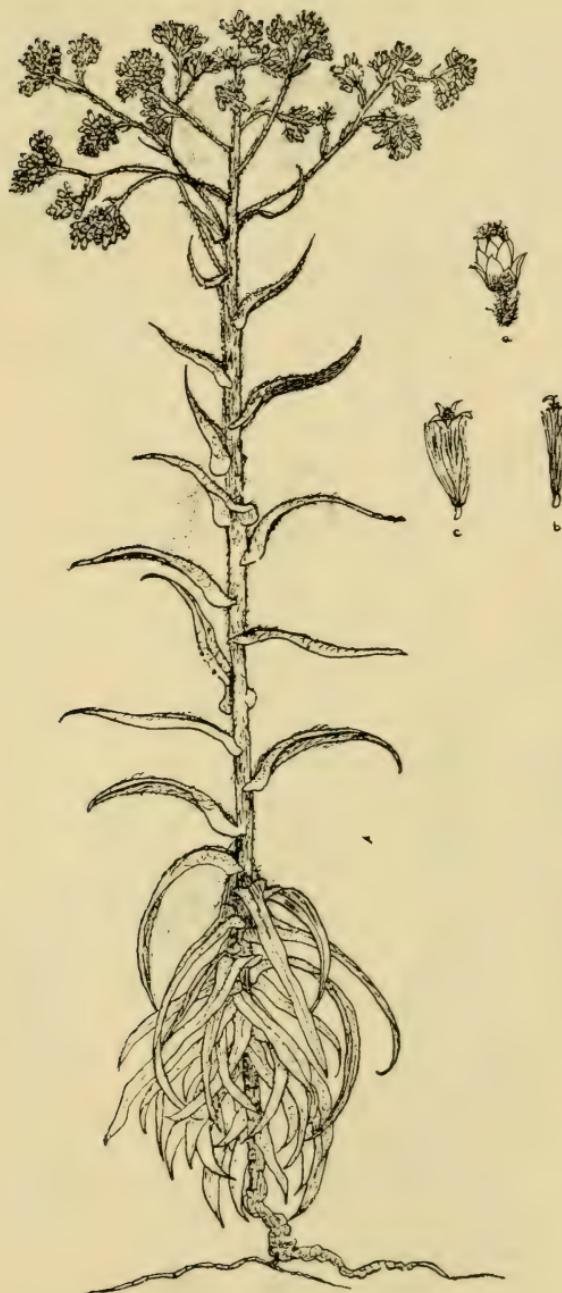


D. R. F. son

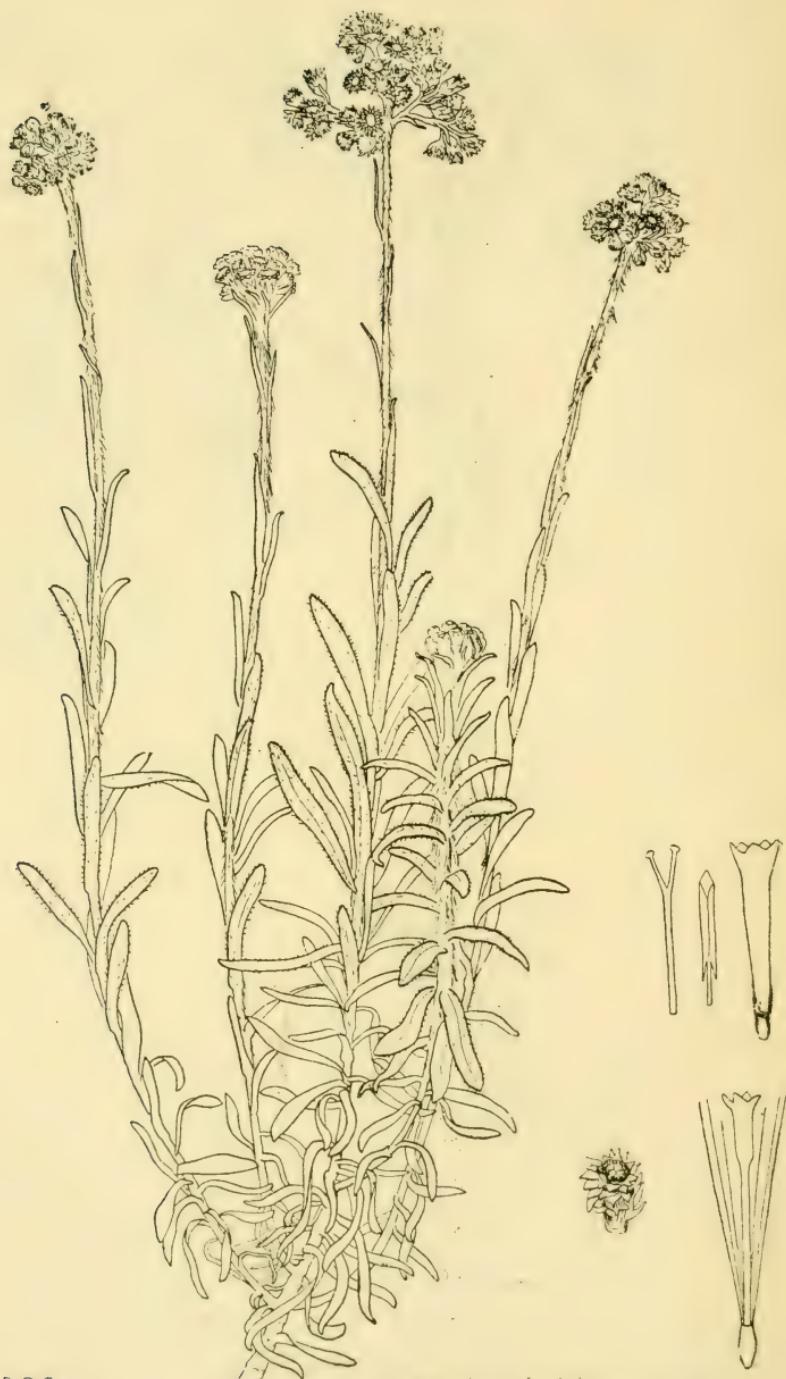
ANAPHALIS TRAVANCORICA Sm.

II



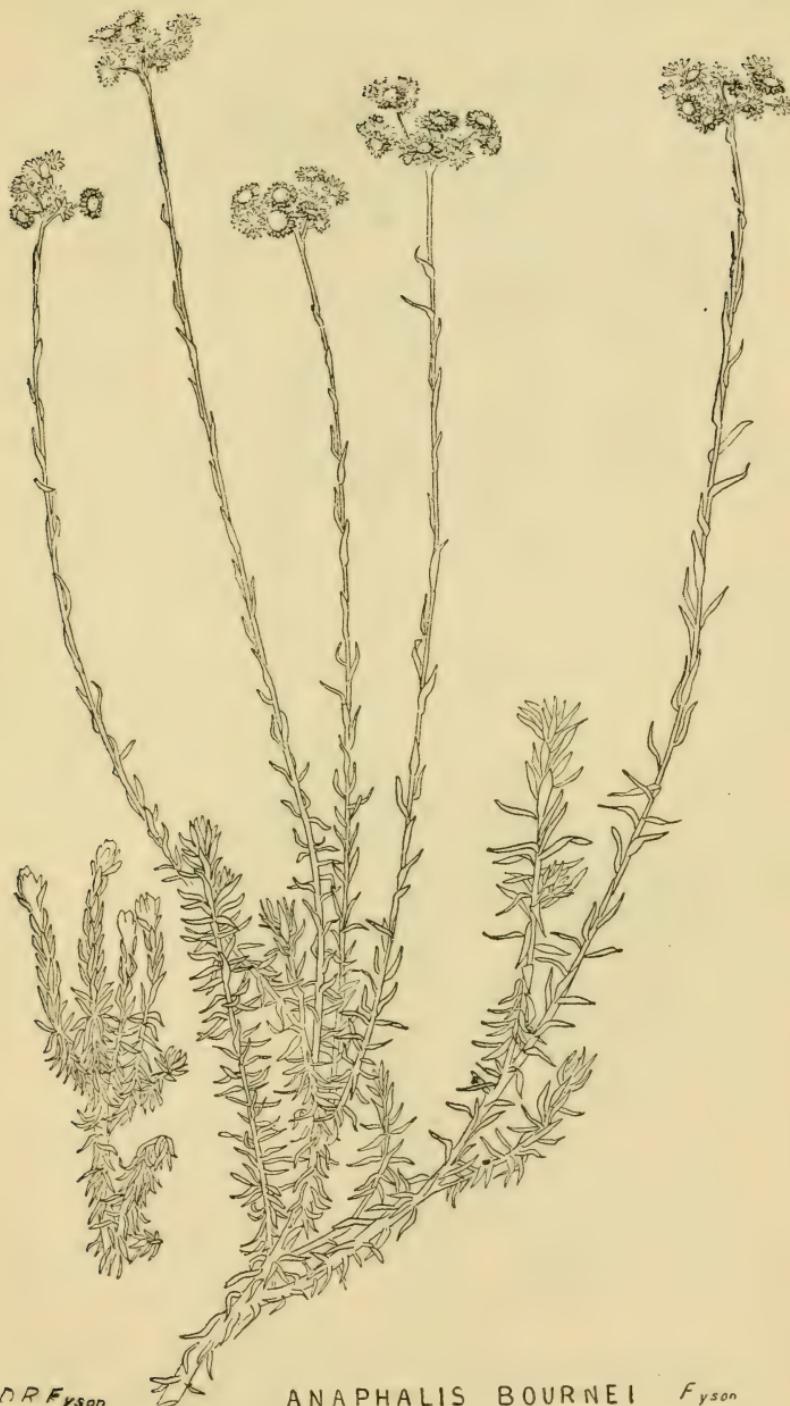


E. T. Bourne. ANAPHALIS ARISTATA DC.



D.R.Evans

ANAPHALIS WIGHTIANA D.C.



DR Fyson

ANAPHALIS BOURNEI Fyson



ANAPHALIS NEELCERRIANA DC



E. T. Benth.

HELICHRYSUM BUDDLEOIDES DC.



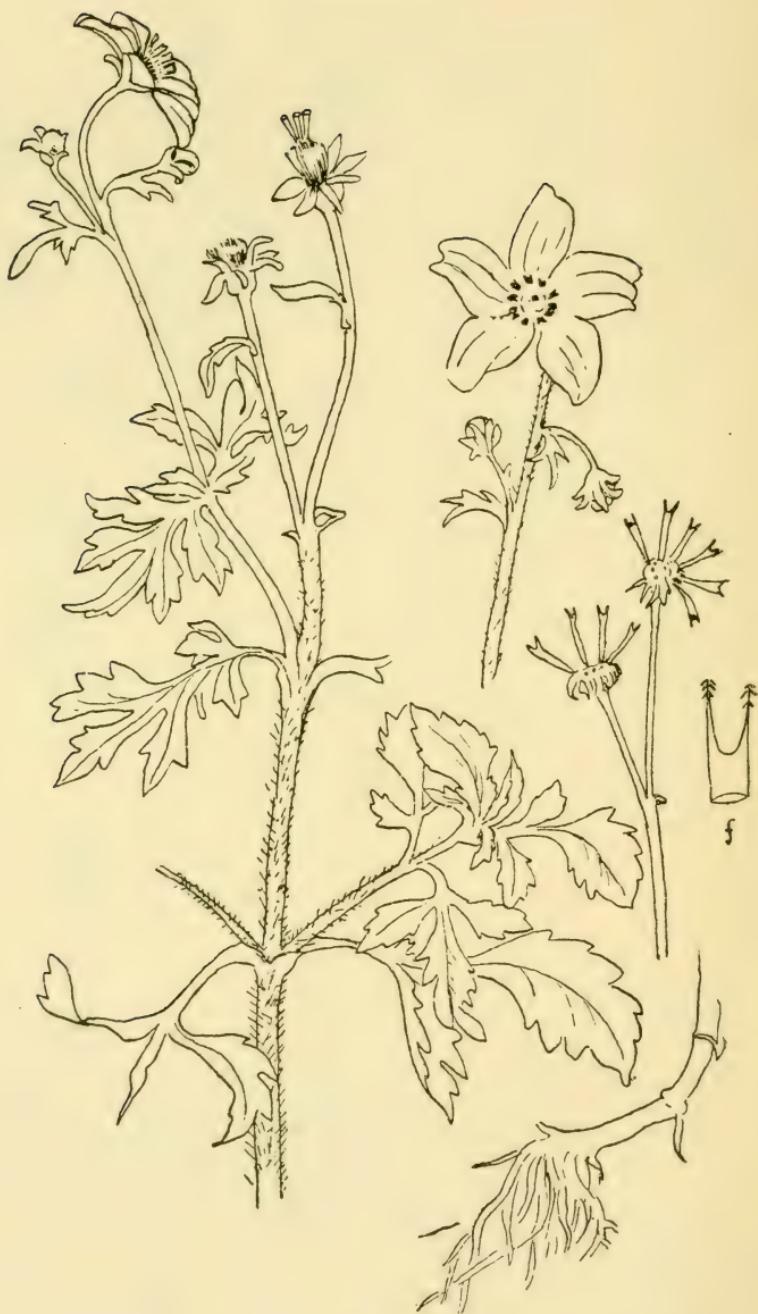
DR Fyson

'SIEGESBECKIA ORIENTALIS Linn.



E. T. Bourne.

BIDENS PILOSA Linn.



M. F. Harrison.

BIDENS HUMILIS H. B. & K.



SENECIO LAVANDULÆFOLIUS DC



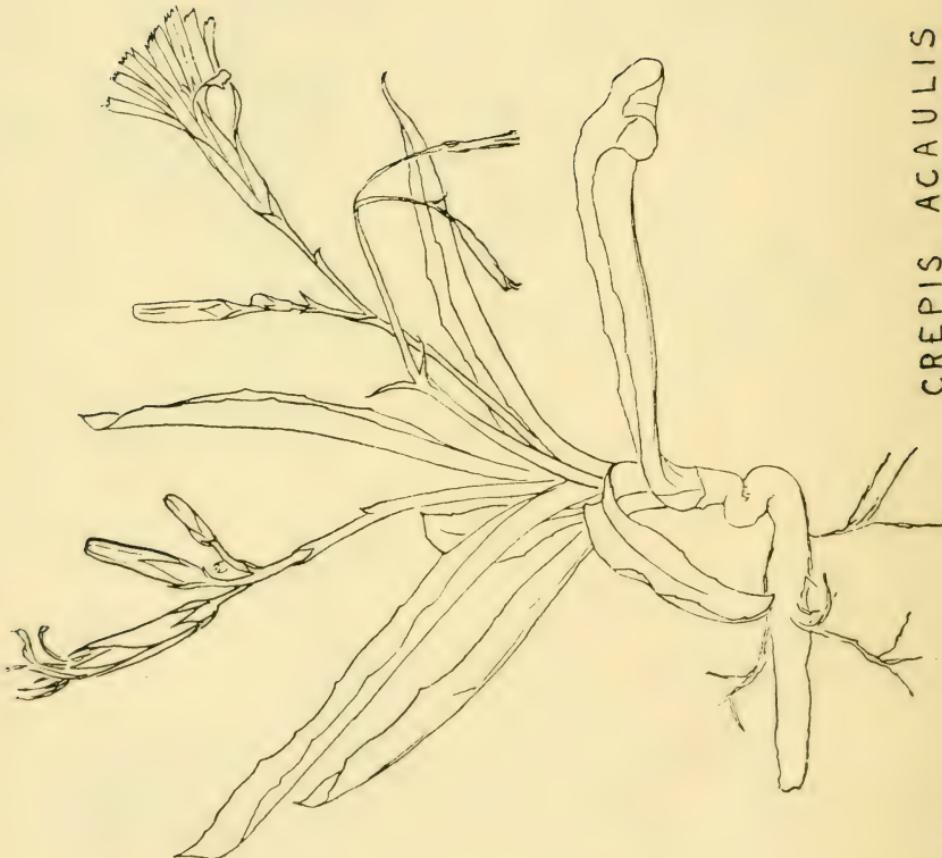
E. T. Boursa

SENECIO WIGHTIANUS DC



M.F. Harrison

PICRIS HIERACIOIDES L.



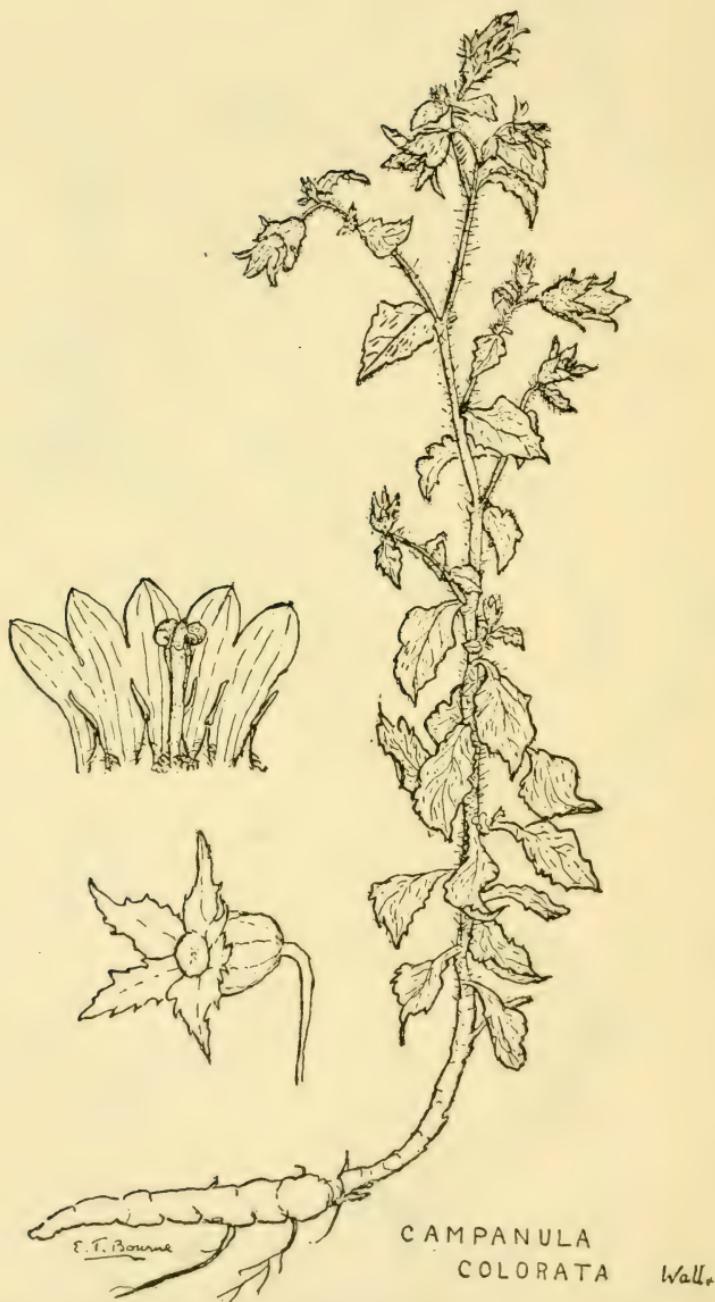
CREPIS ACAULIS Hooker f



ET Bourne

WAHLENBERGIA

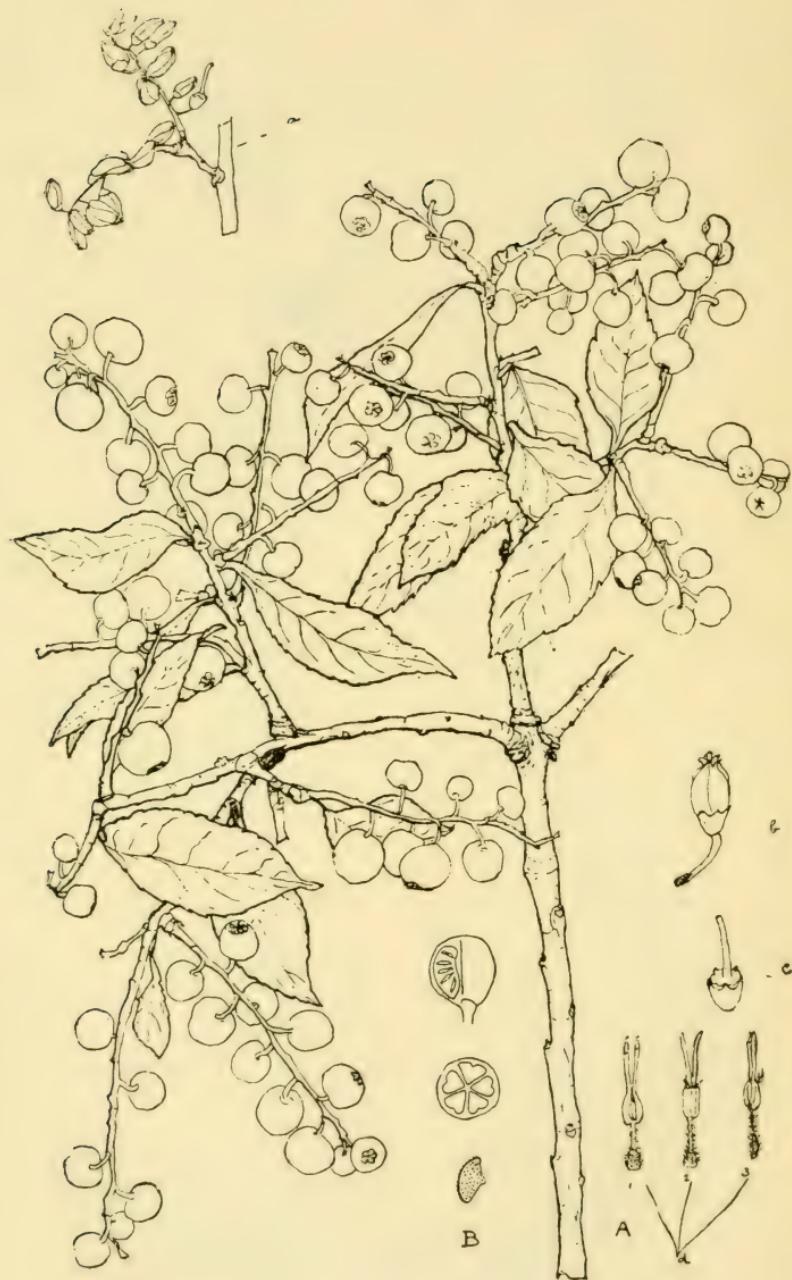
GRACILIS D.C.





D. R. Fyson.

CAMPANULA FULGENS Wall.



E. T. Bourne. VACCINIUM LESCHENAULTII Wt.



M.F. Haviland.

RHODODENDRON ARBOREUM Sm.



A. E. Micheson.

LYSIMACHIA LESCHENAULTII Duby



E. T. BOURNE LYSIMACHIA DELTOIDES W.E.



MYRSINE WIGHTIANA Wall

*R Natesan**SIDEROXYLON TOMENTOSUM Roxb.*

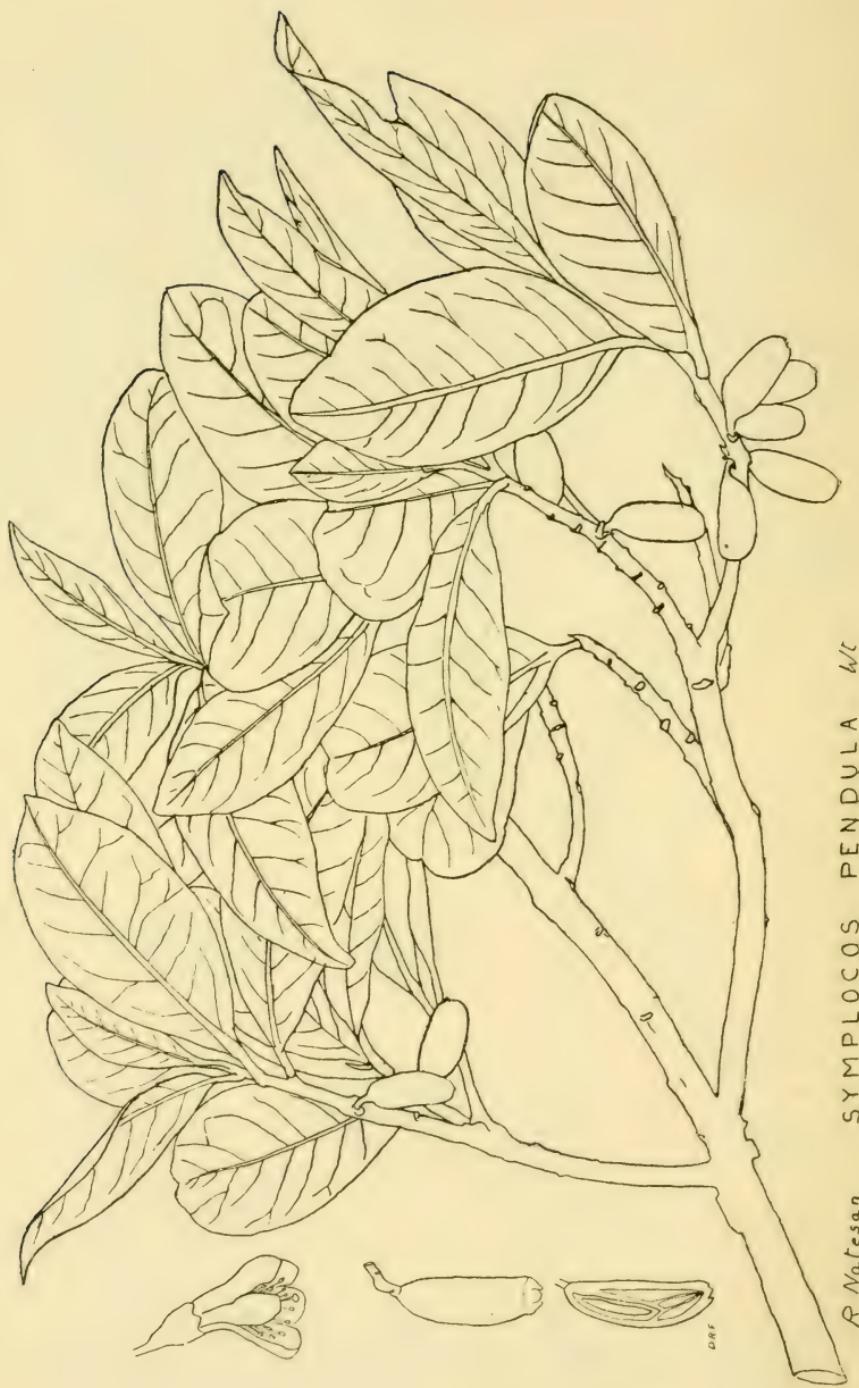


R.Natesan : SIMPLOCOS FOLIOSA : Wight



R. Natesan

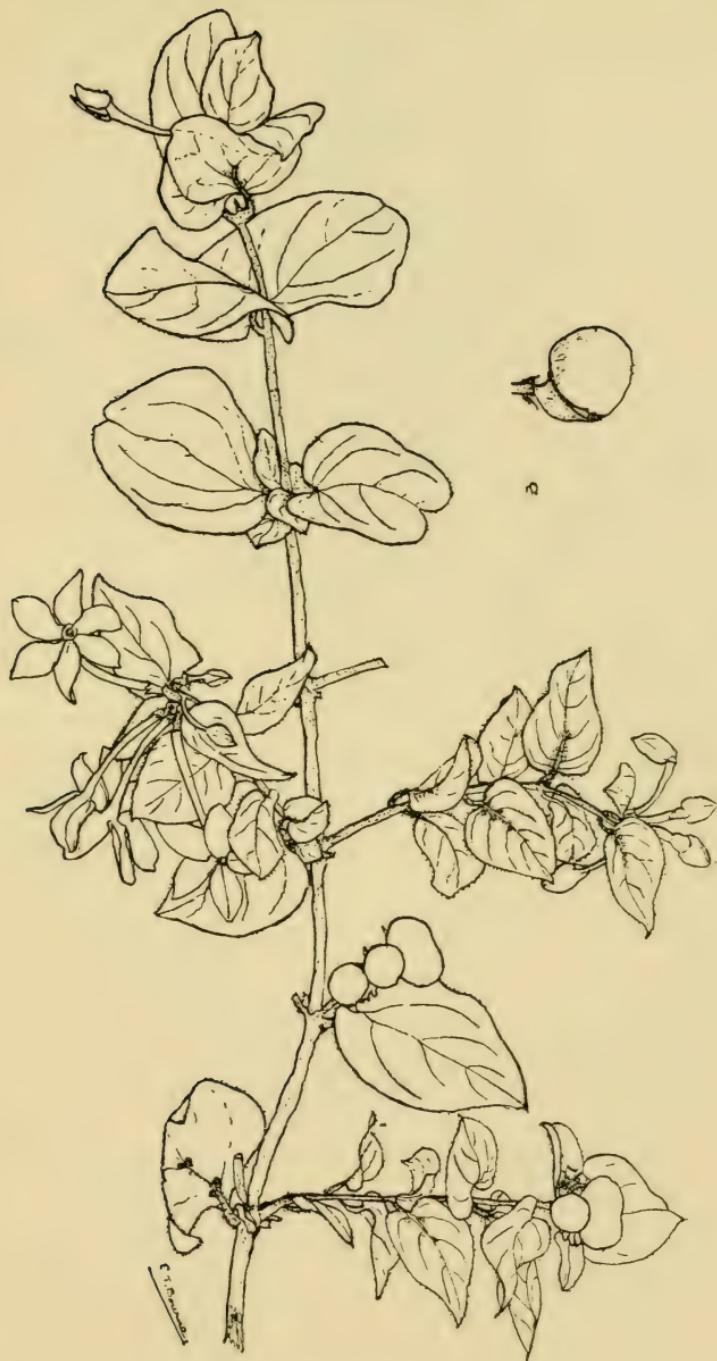
SYMPLOCOS OBTUSA Wall.



SYMPLOCOS PENDULA W/C

R Natesan

D.R.F.



JASMINUM BREVIROBIVM DC.



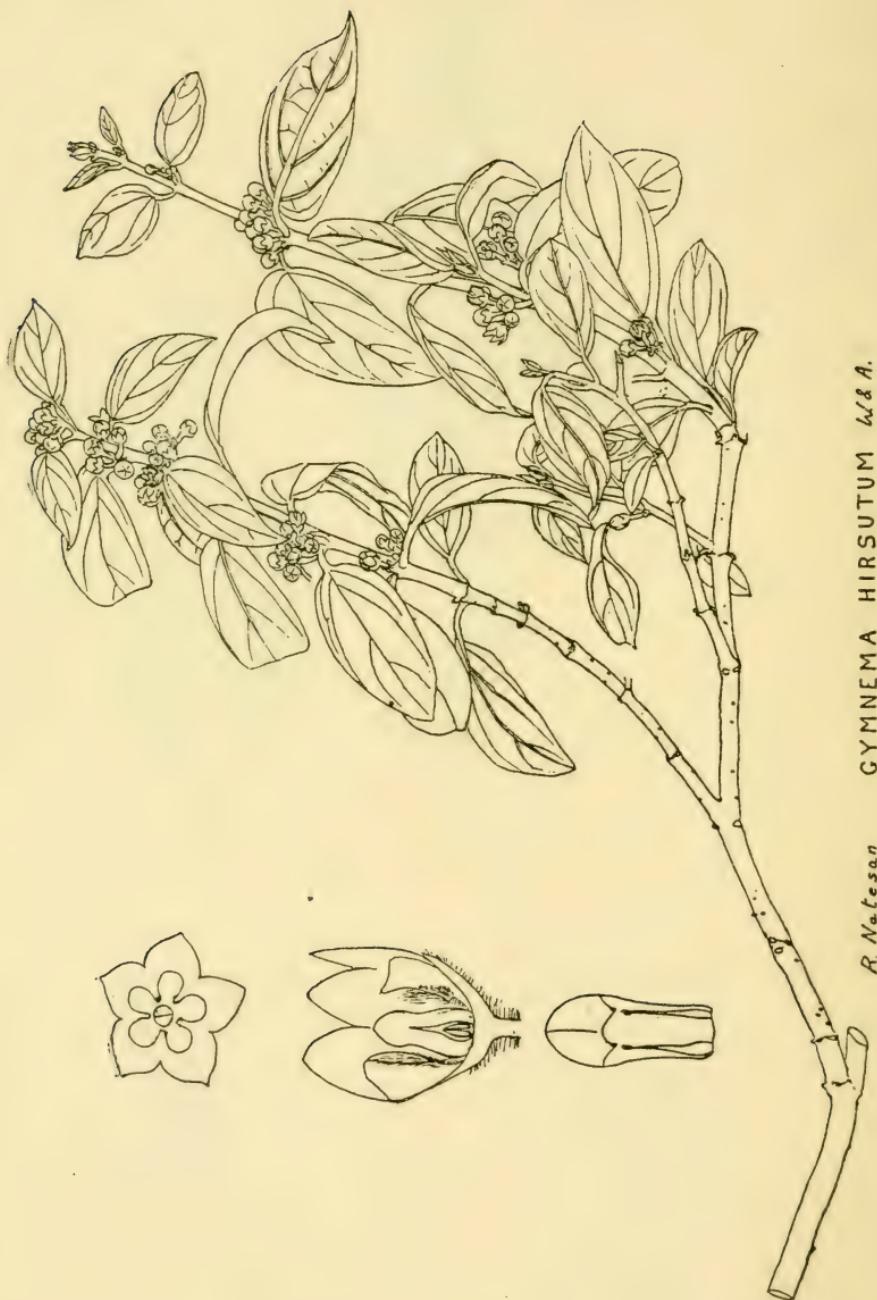
A. Natesan

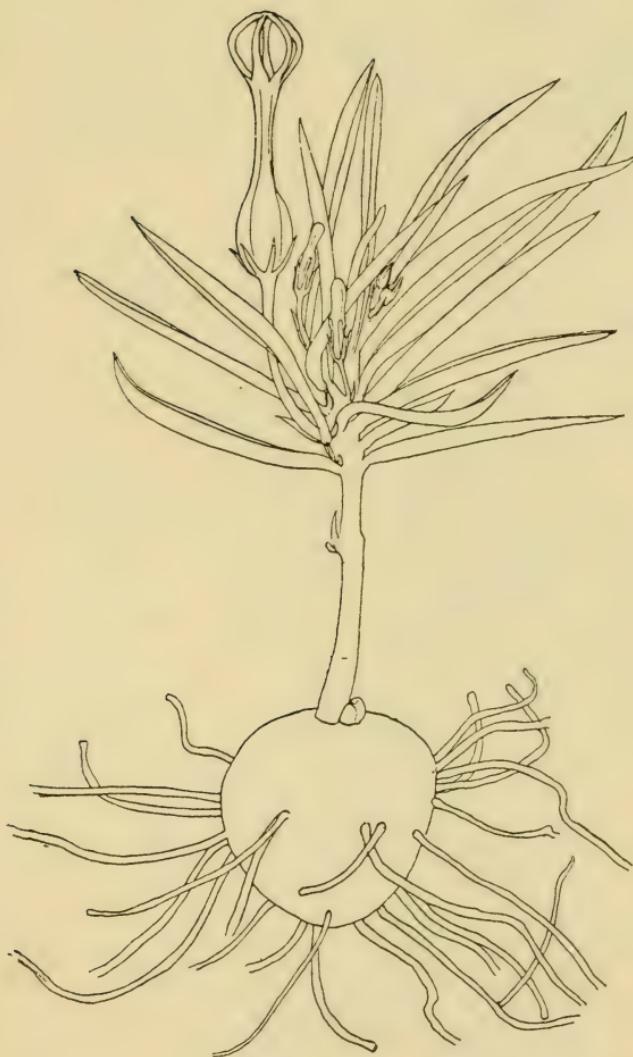
OLEA BOURNEI Fyson



R. Natesan

LIGUSTRUM PEROTTETII DC





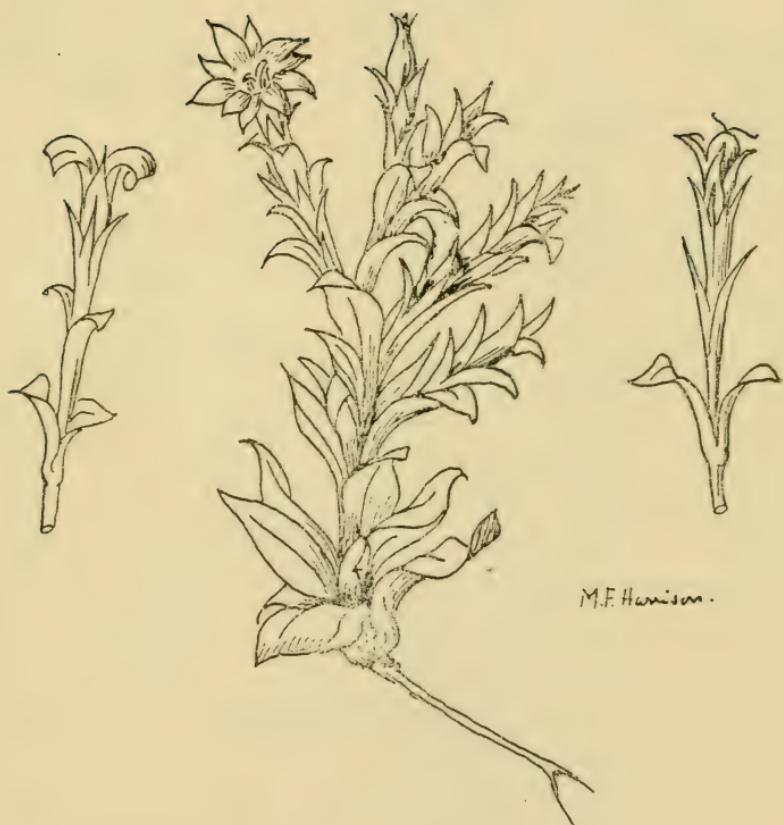
R Natesan

CEROPEGIA PUSILLA W.

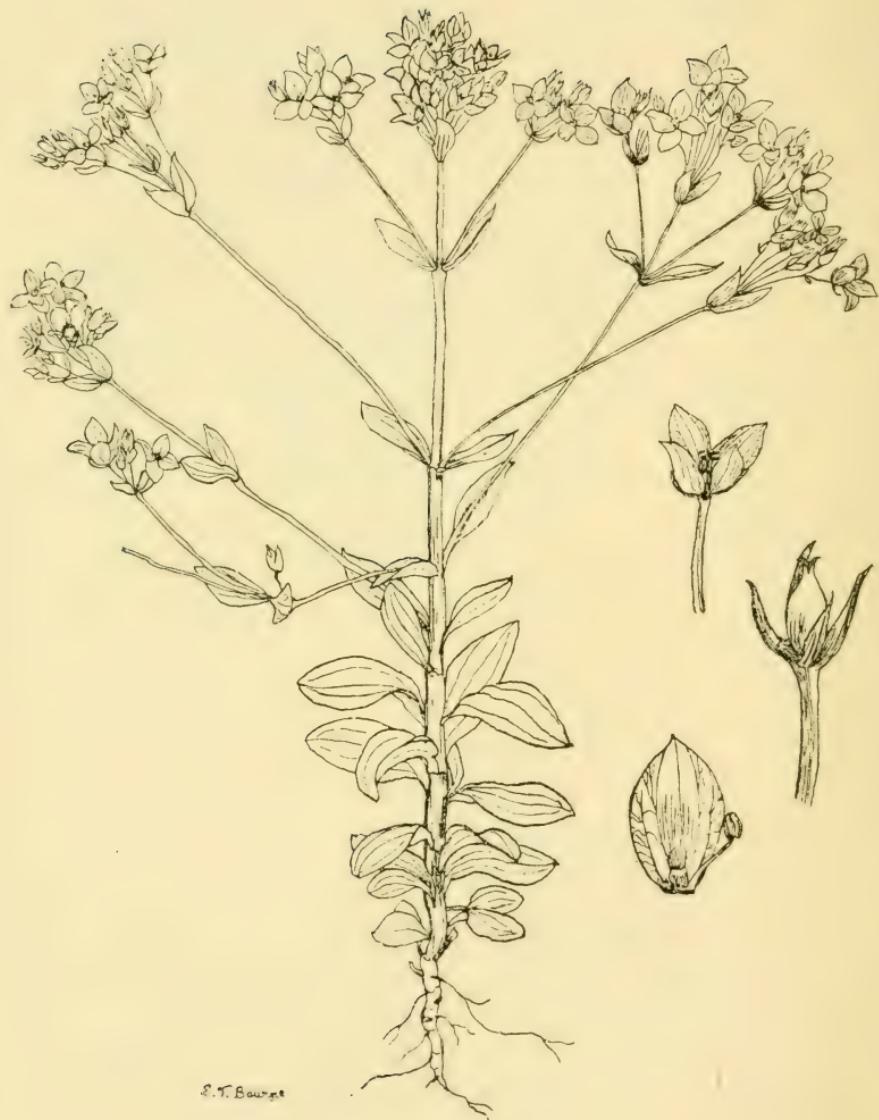


GARDNERIA OVATA Woll.

R. Nateson



GENTIANA ^{now} QUADRIFARIA Blume)



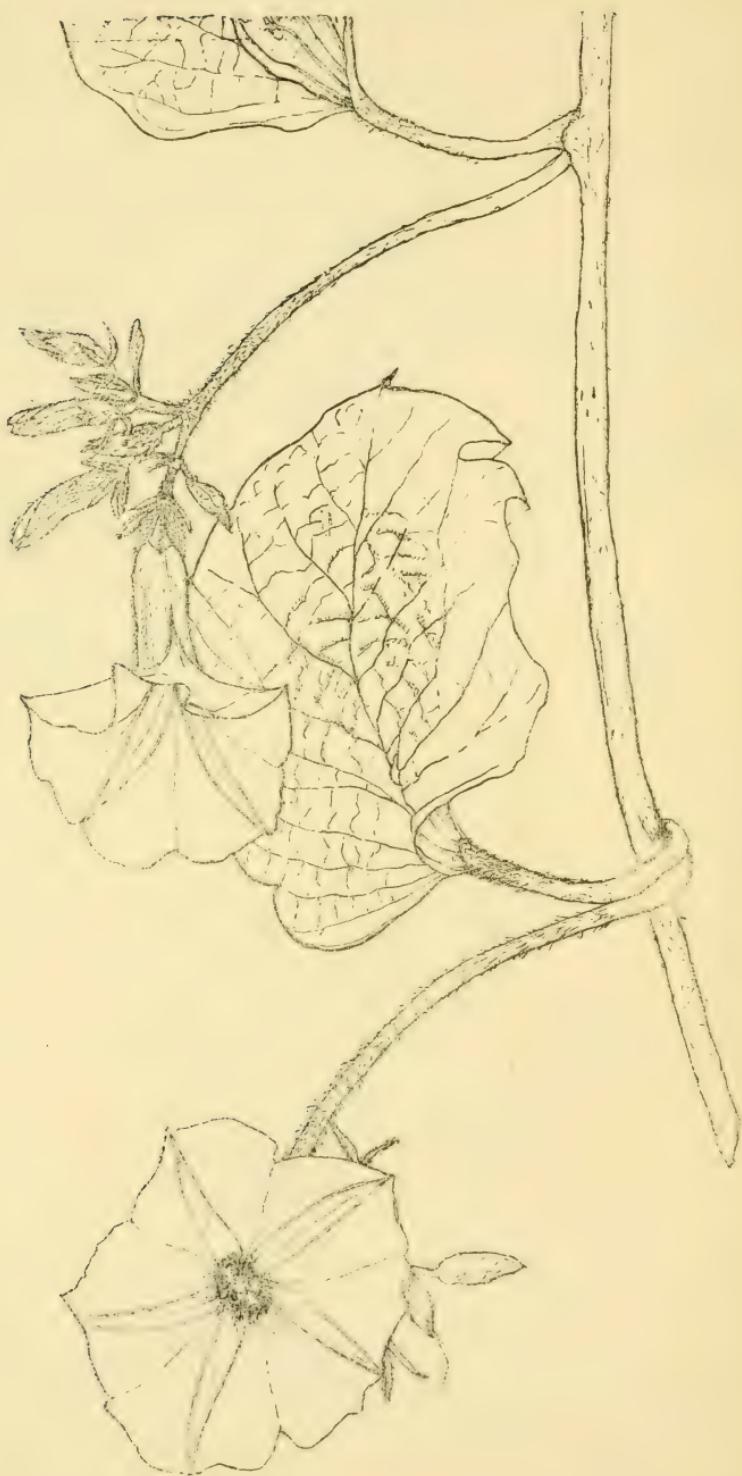
S. T. Bourne

SWERTIA CORYMBOSA W.

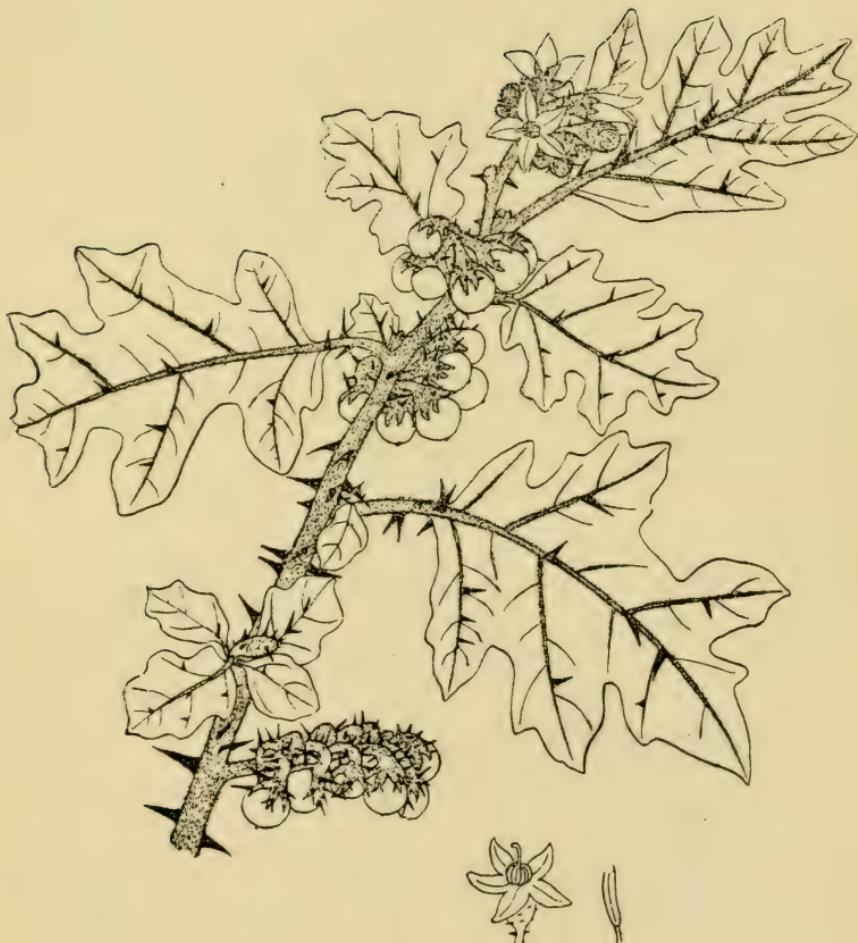


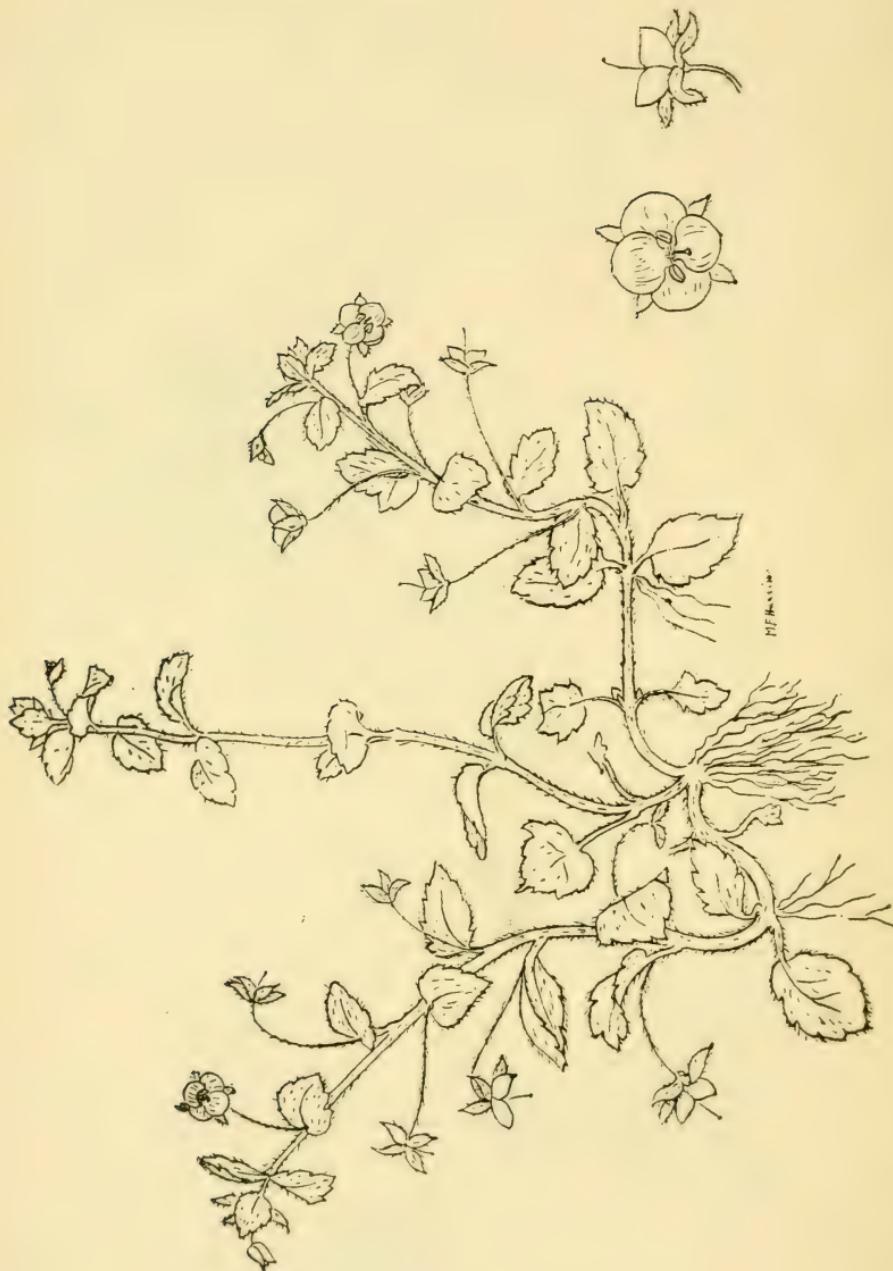
CYNOGLOSSUM

FURCATUM L.



ARGYREIA HIRSUTA Arn.





VERONICA AGRESTIS Linn.



SOPUBIA DELPHINIFOLIA G. Don



SOPUBIA TRIFIDIA Ham.

P.T. Brown



E.T. Bourne

PEDICULARIS ZEYLANICA Benth.

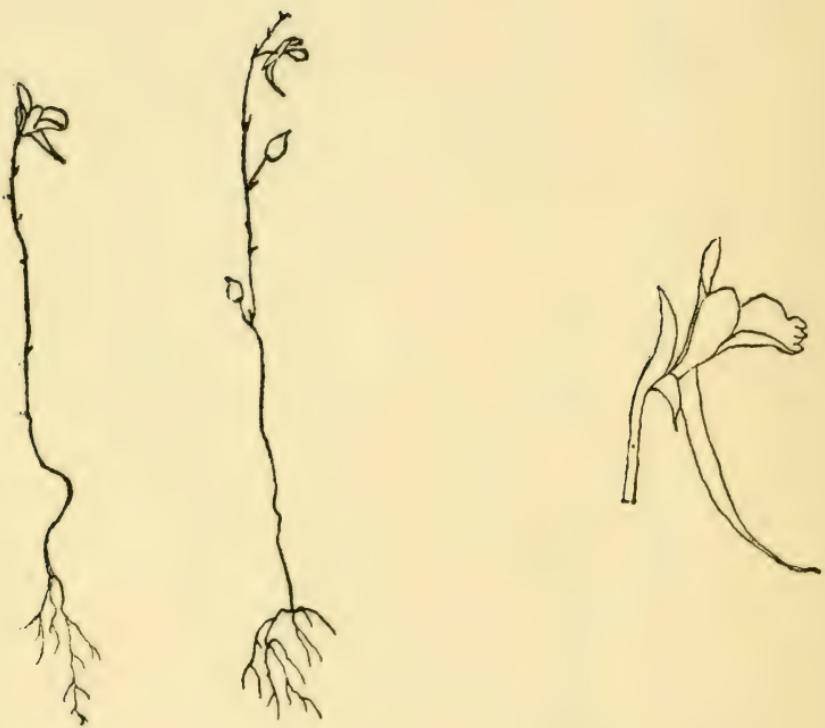


after N. Cox

PEDICULARIS PERROTTEII Benth.



UTRICULARIA CŒRULEA Linn.

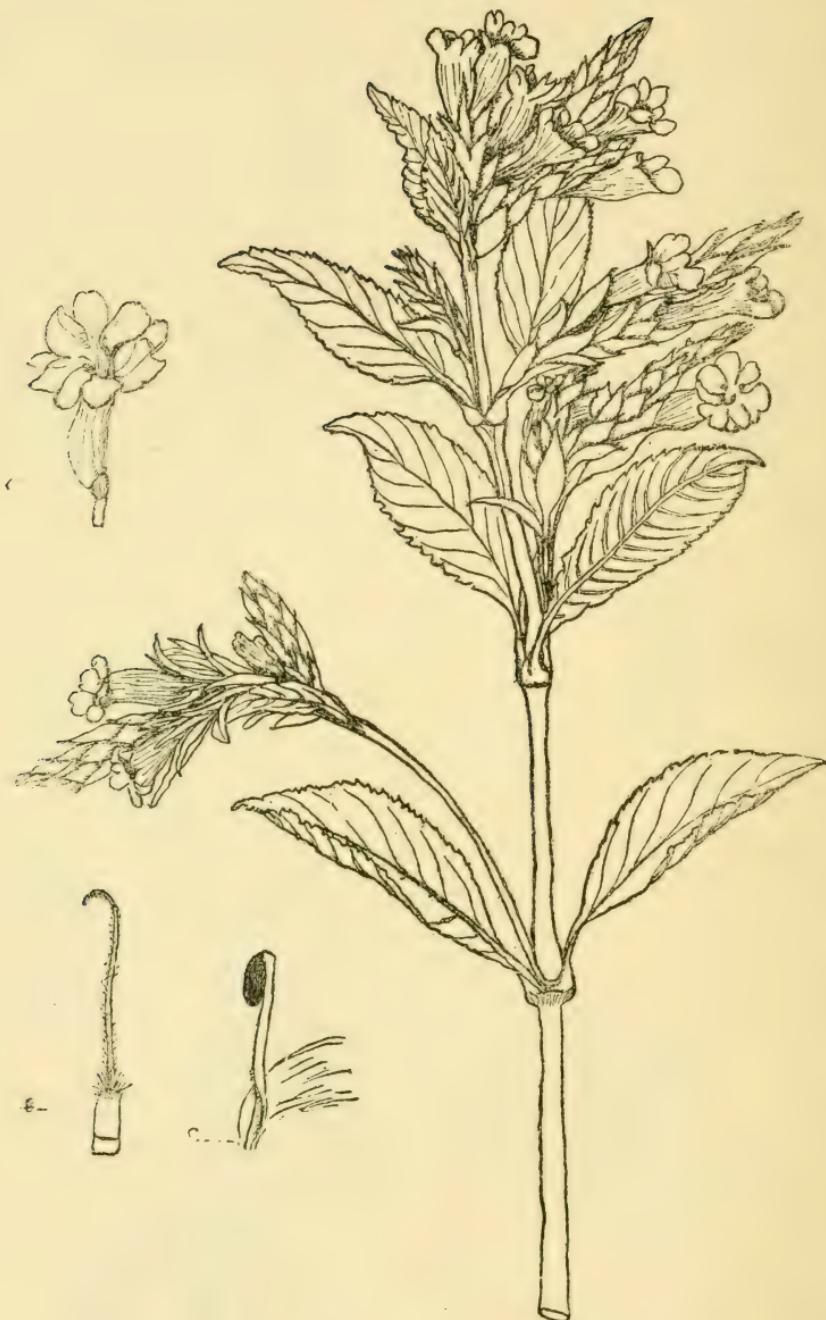


E T Bourne

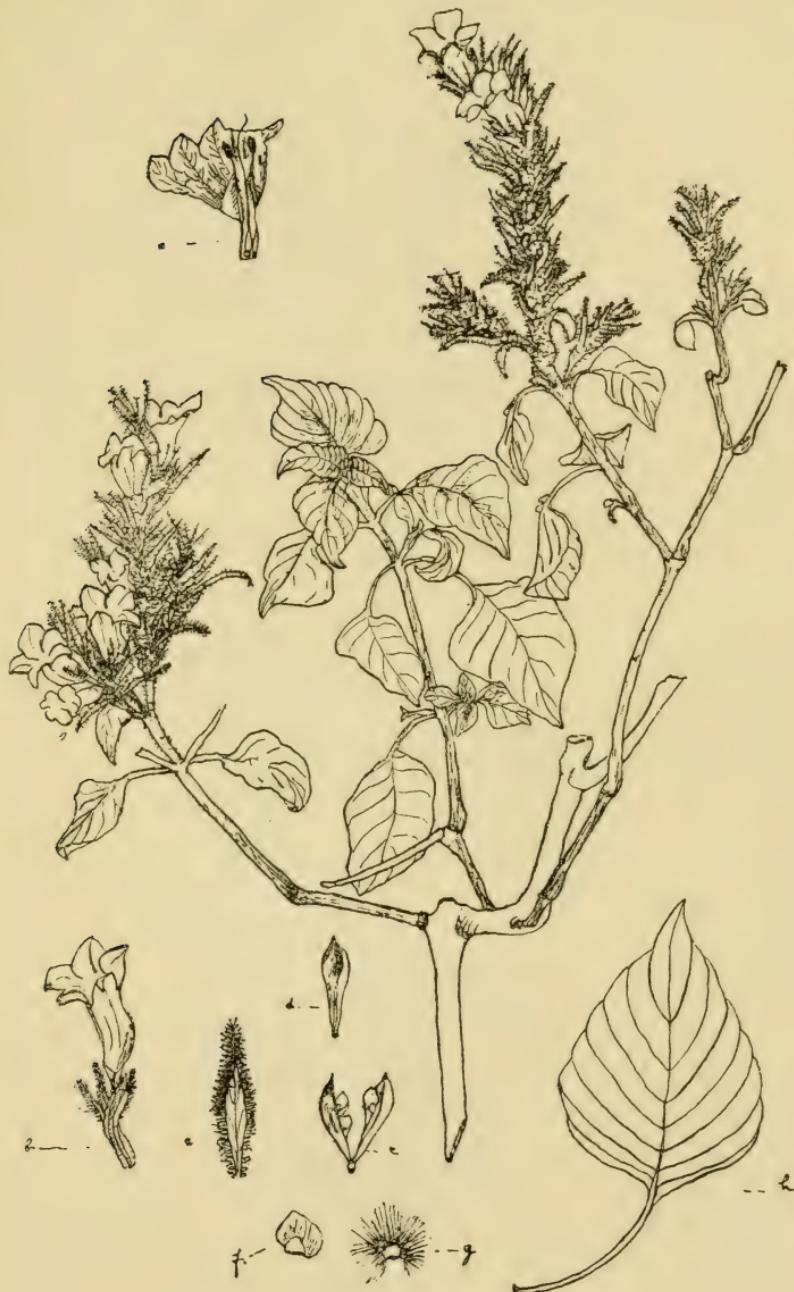
UTRICULARIA WALLICHIANA W.C.



^aDIDYMOCARPUS TOMENTOSA W.



E. T. Bourne. STROBILANTHES KUNTHIANUS T. Anders.

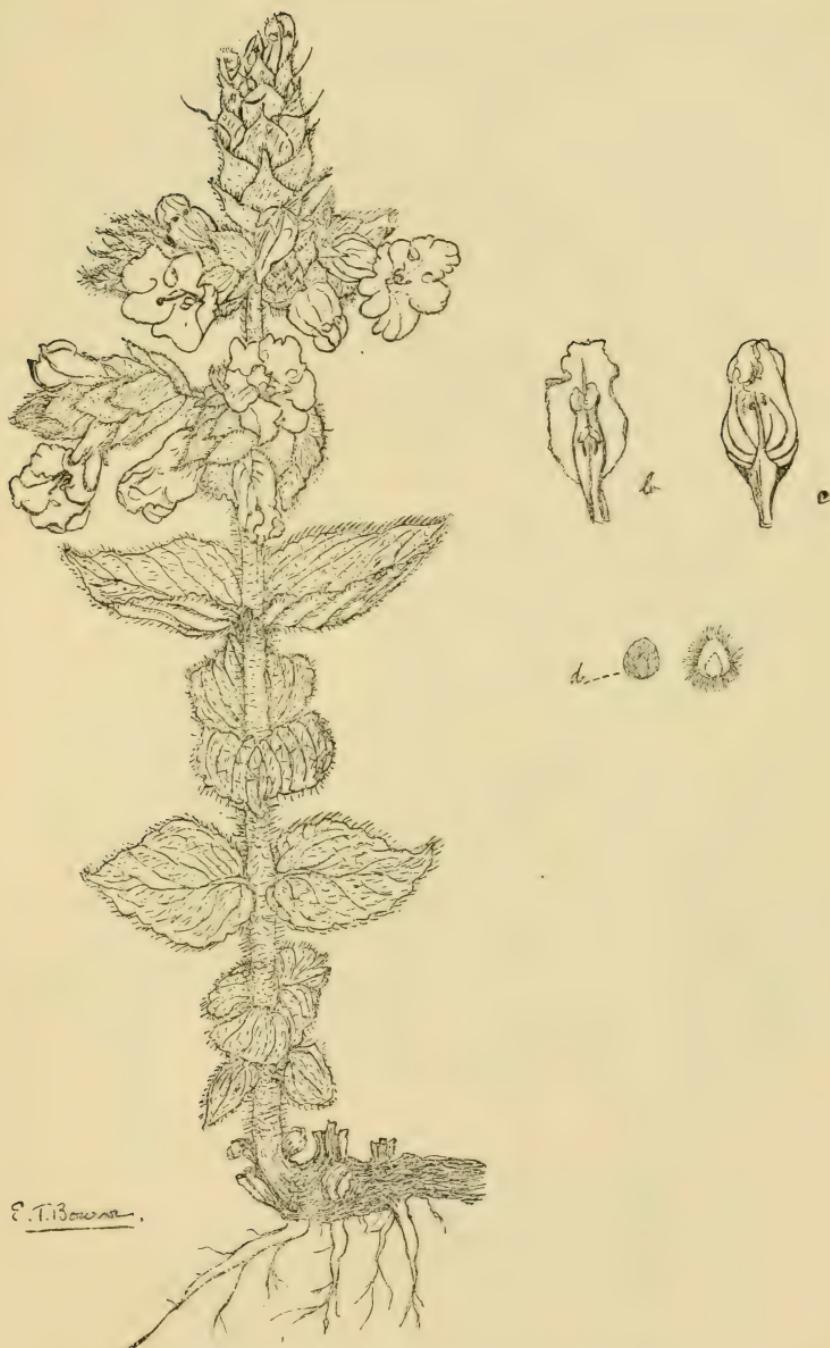


E. T. Bourne. STROBILANTHES CUSPIDATUS T. Anders.

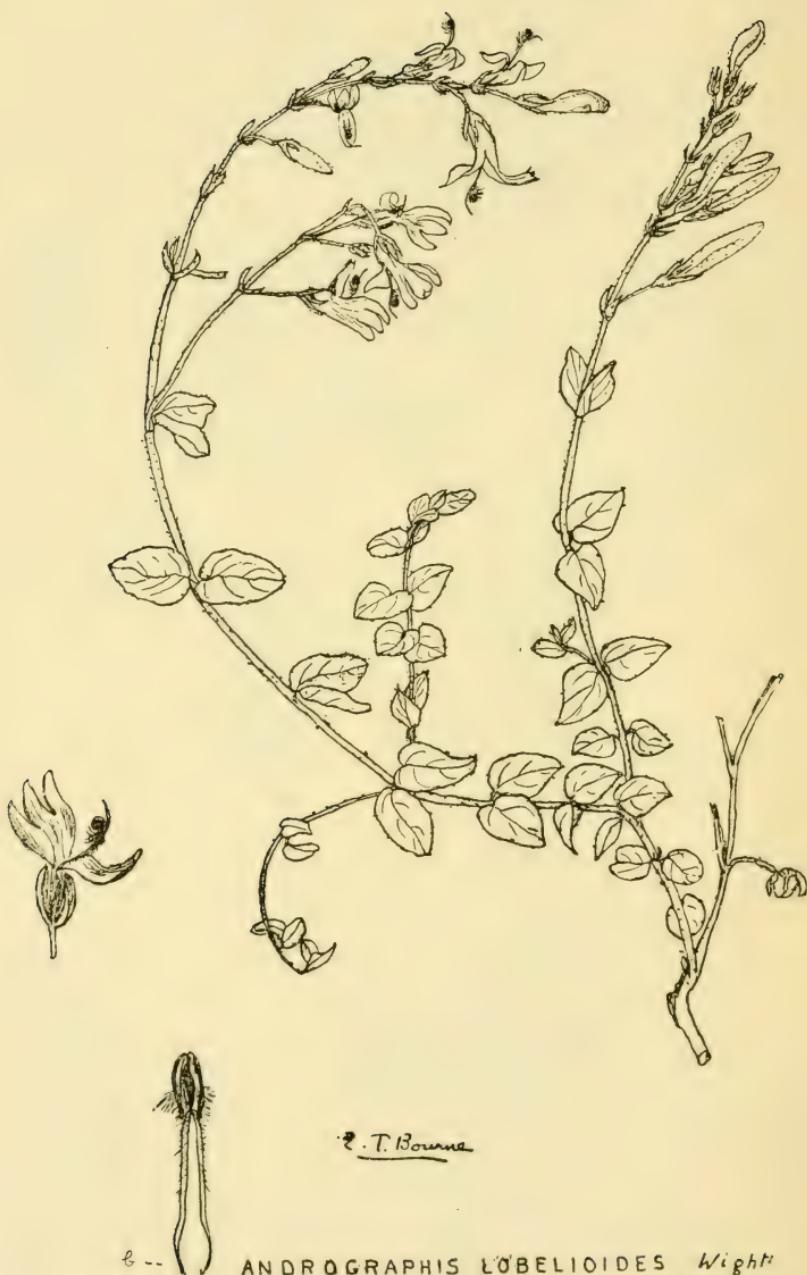


E. T. Brown.

STROBILANTHES WIGHTIANUS Nees.

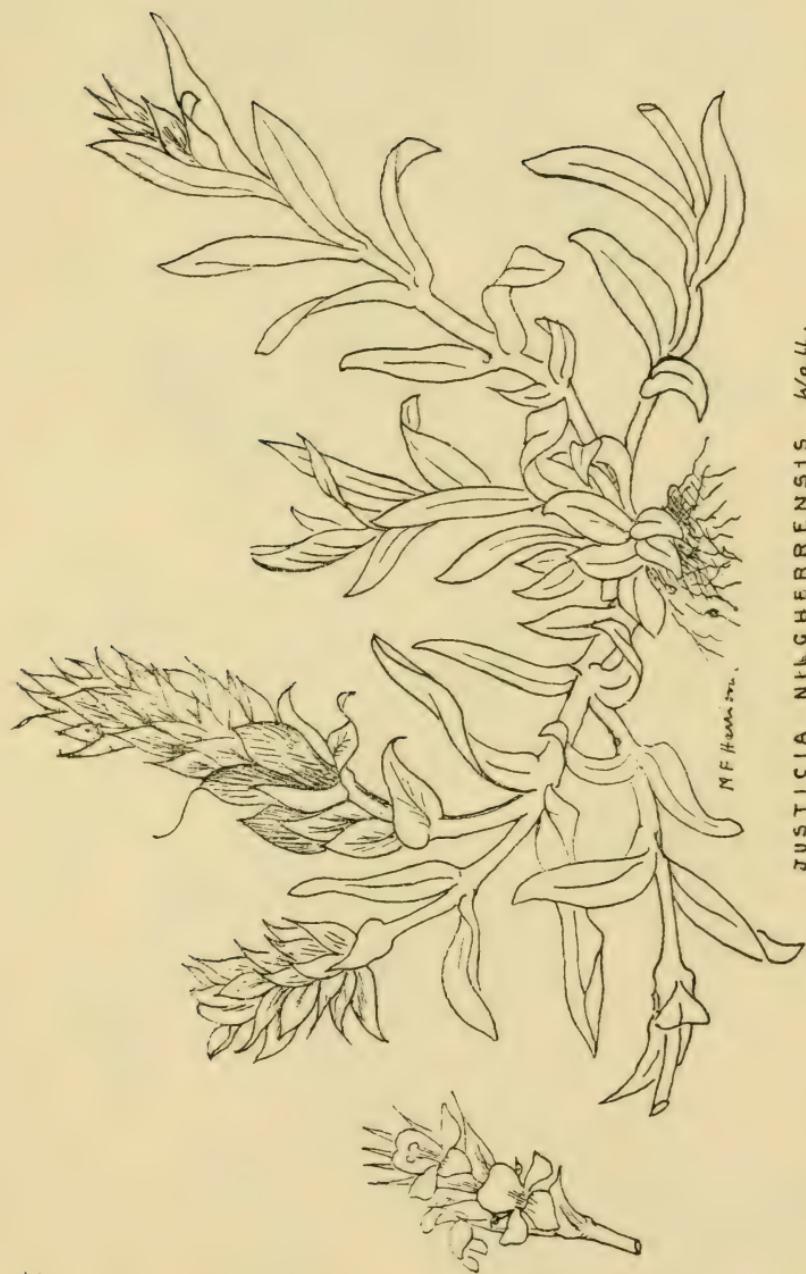


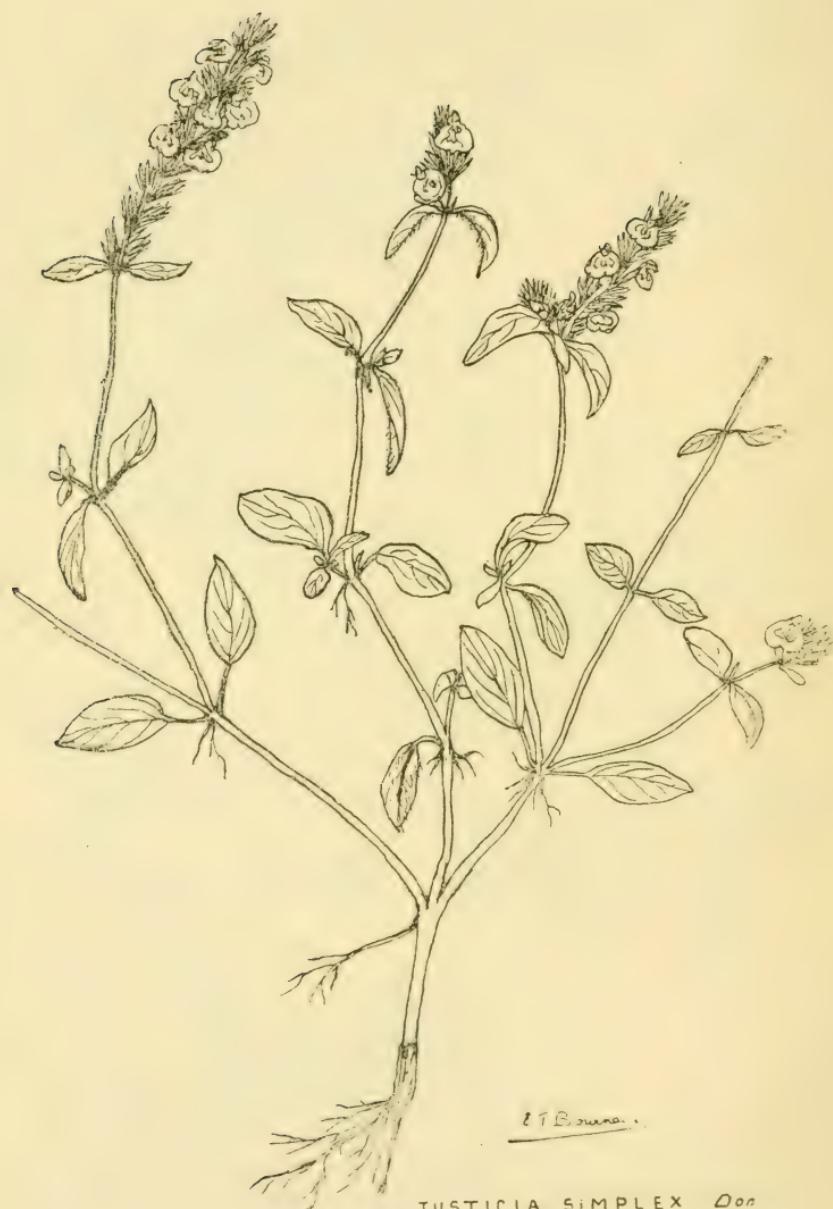
STROBILANTHES SESSILIS Nees.



ANDROGRAPHIS LOBELIOIDES Wight

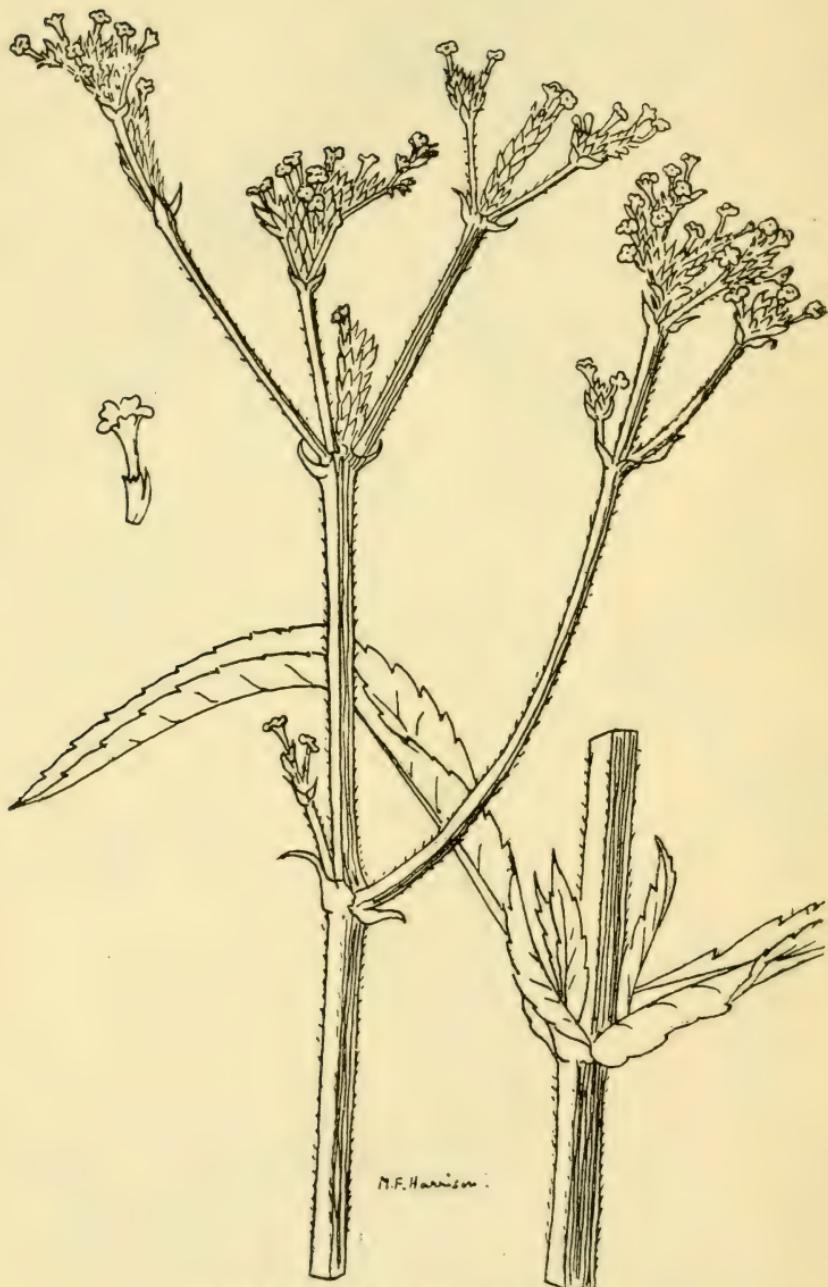
JUSTICIA NILGHERRENSIS Wall.







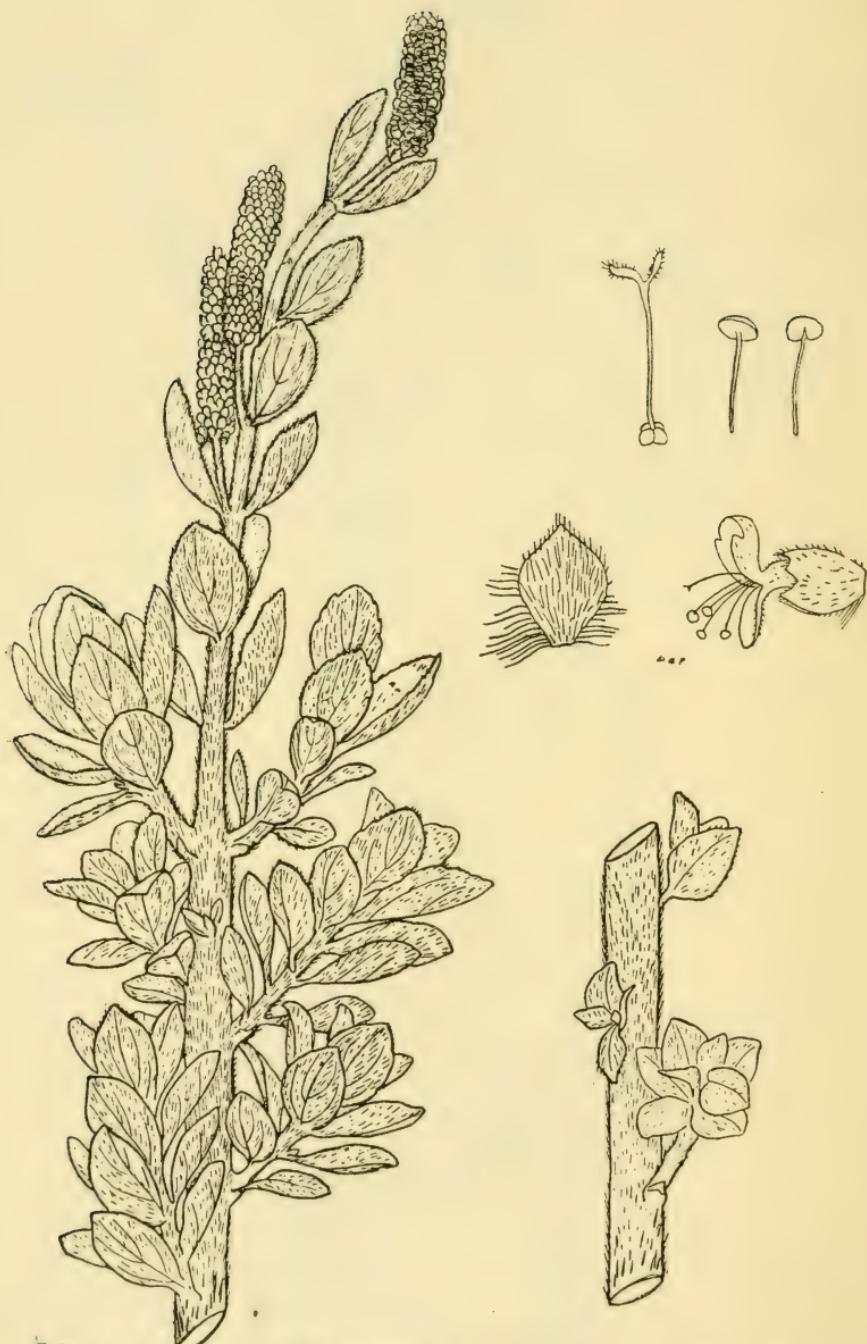
VERBENA VENOSA Gill. & Hook.



VERBENA BONARIENSIS Linn

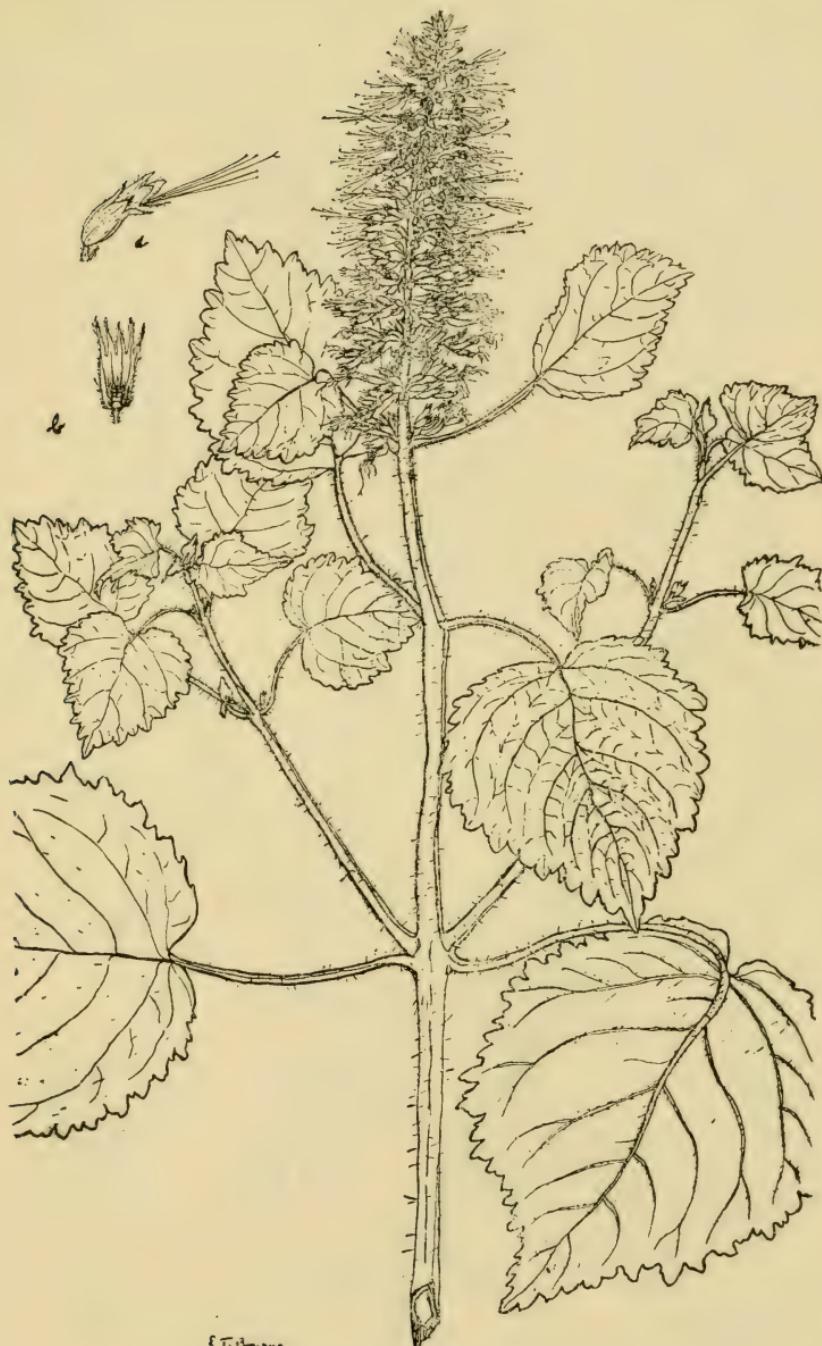


COLEUS BARBATUS Benga

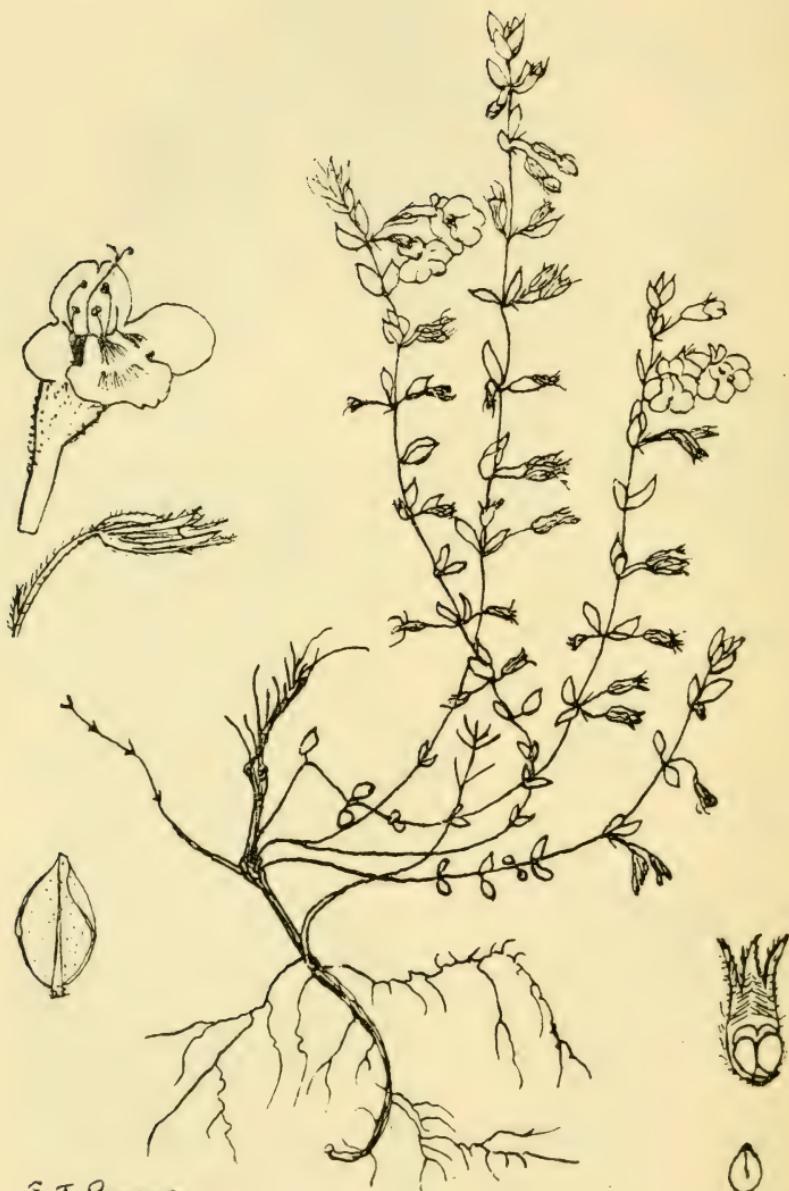


R. Natesan

ANISOCHILUS DYSOPHYLLOIDES Benth

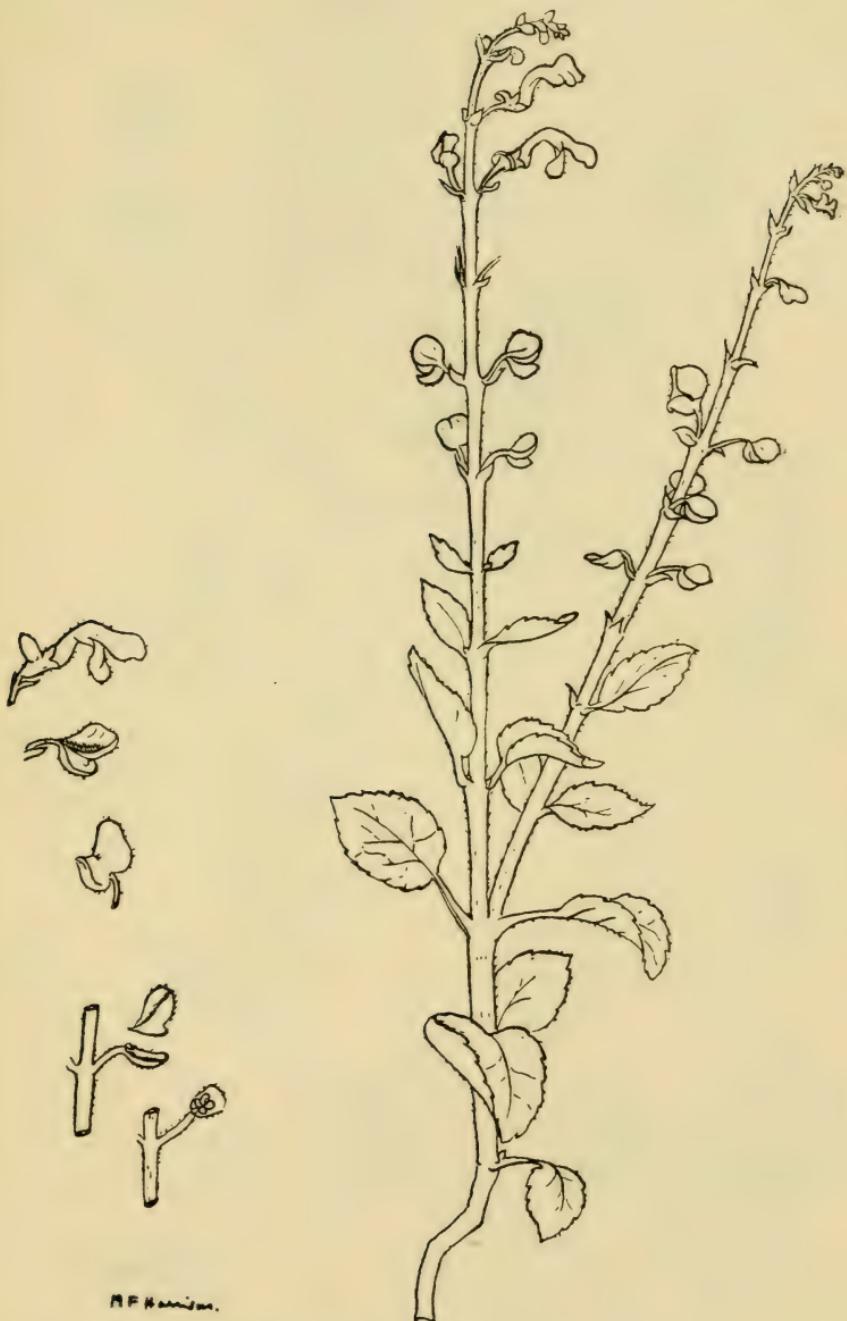


POGOSTEMON SPECIOSUS · Benth



E. T. Bourne

MICROMERIA BIFLORA Benth.



REHMANN.

SCUTELLARIA VIOLACEA Heyne



E. T. Bourne

BRUNELLA VULGARIS L. var. HISPIDA Benth.



LEUCAS

ROSMARINIFOLIA Benth.



S. T. Blake

LEUCAS SUFFRUTICOSA Benth



LEUCAS LÆNCEÆFOLIA Desf.



TEUCRIUM WIGHTII Hook. f.



PLANTAGO MAJOR L.

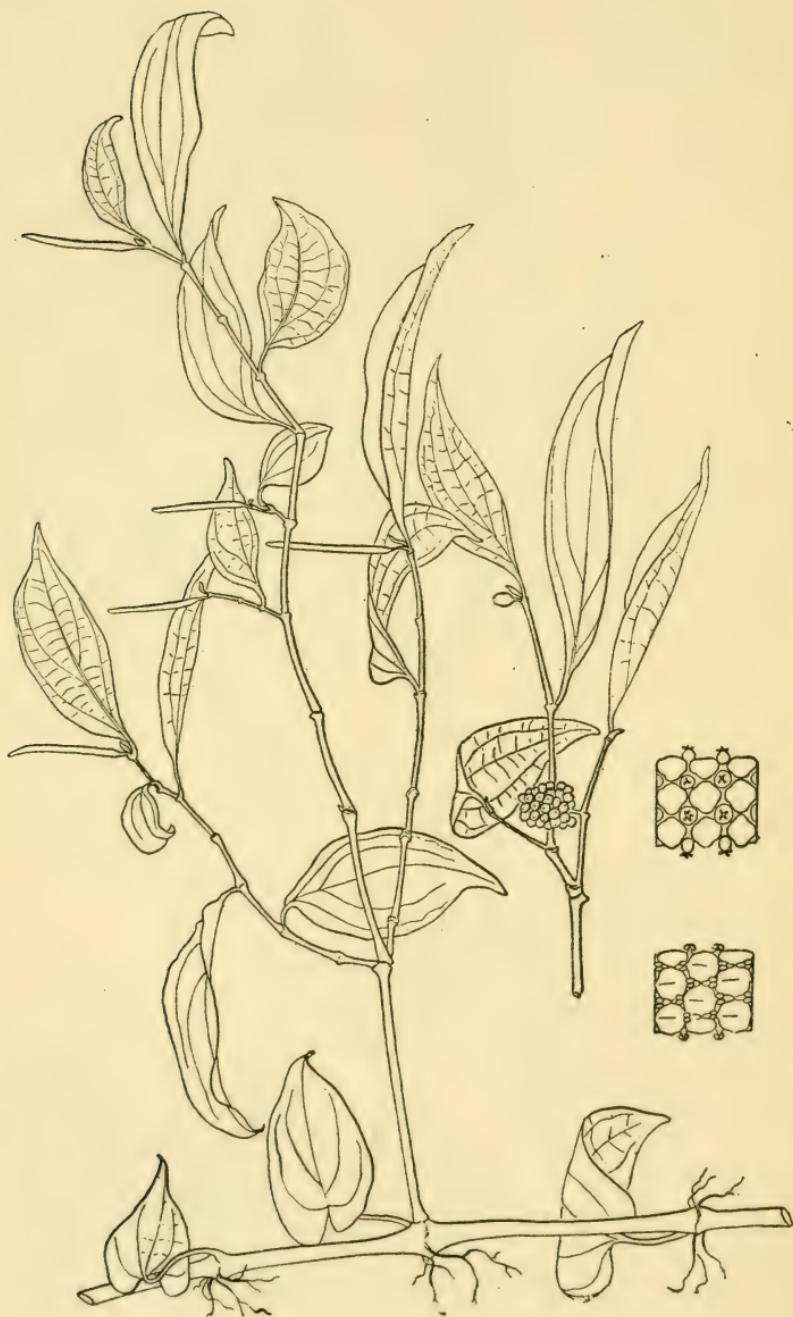


P. F. Fyson

FAGOPYRUM ESCULENTUM Moench



RUMEX NEPALENSIS Sarg.



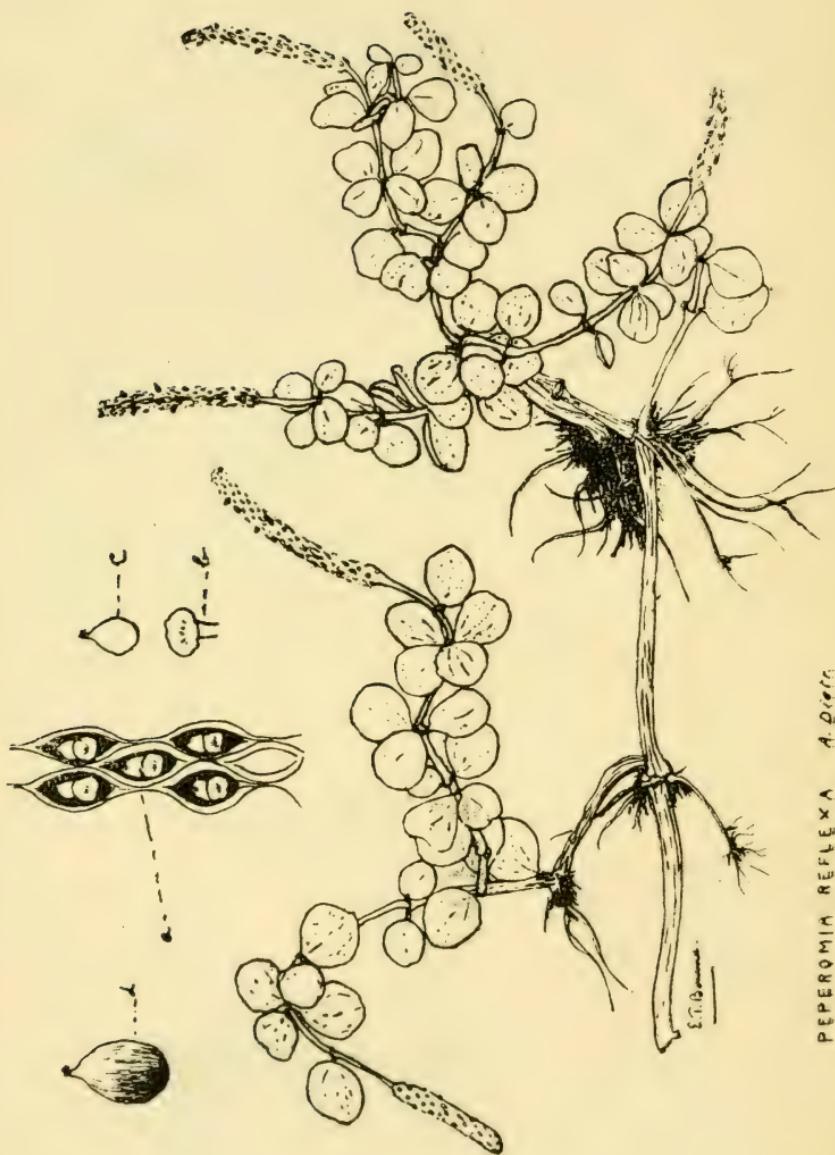
D.R.Fryson
Piper brachystachyum Wall.



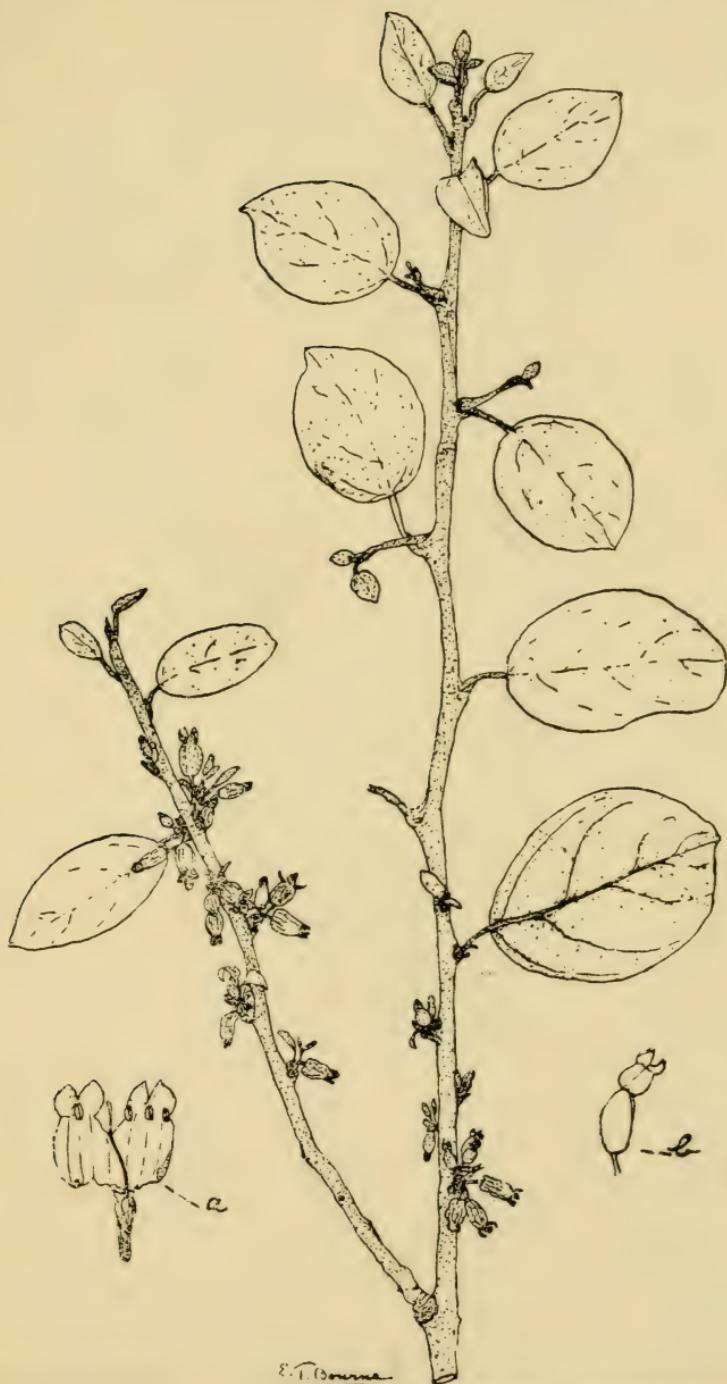
PIPER SCHMIDTII

R. Nelson

Hook



PEPEROMIA REFLEXA A. DIETR.



E. T. Bourne

ELÆAGNUS LATIFOLIA Linn.



LORANTHUS CUNEATUS Heyne



E. T. Bourne

LORANTHUS NEELGHERRENSIS Wt.



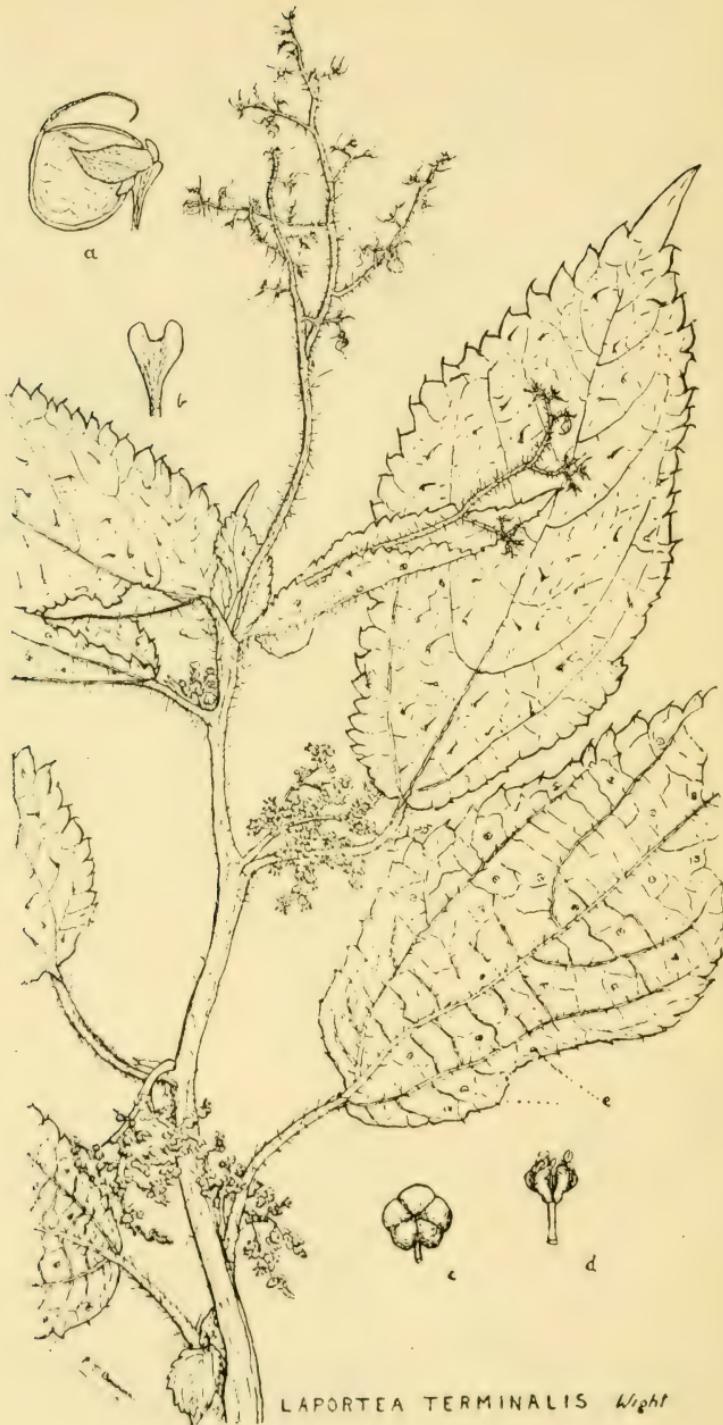
T. Bruma.

LORANTHUS LONICEROOIDES L.

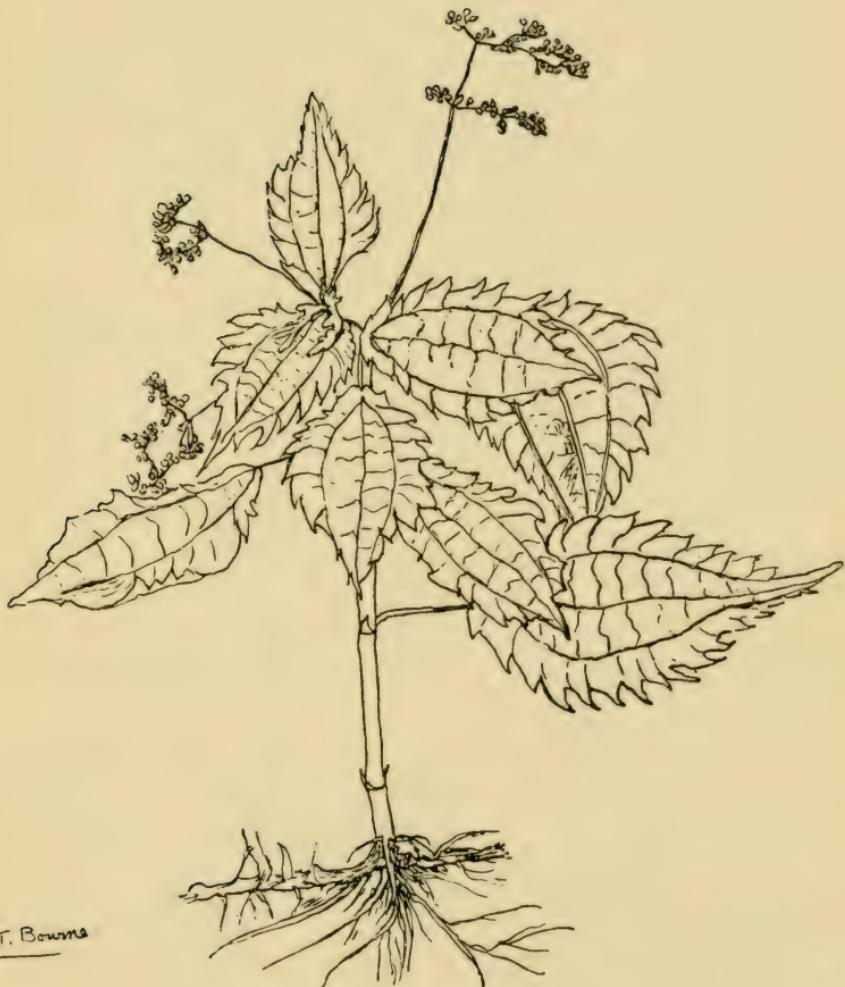


SARCOCOCCA

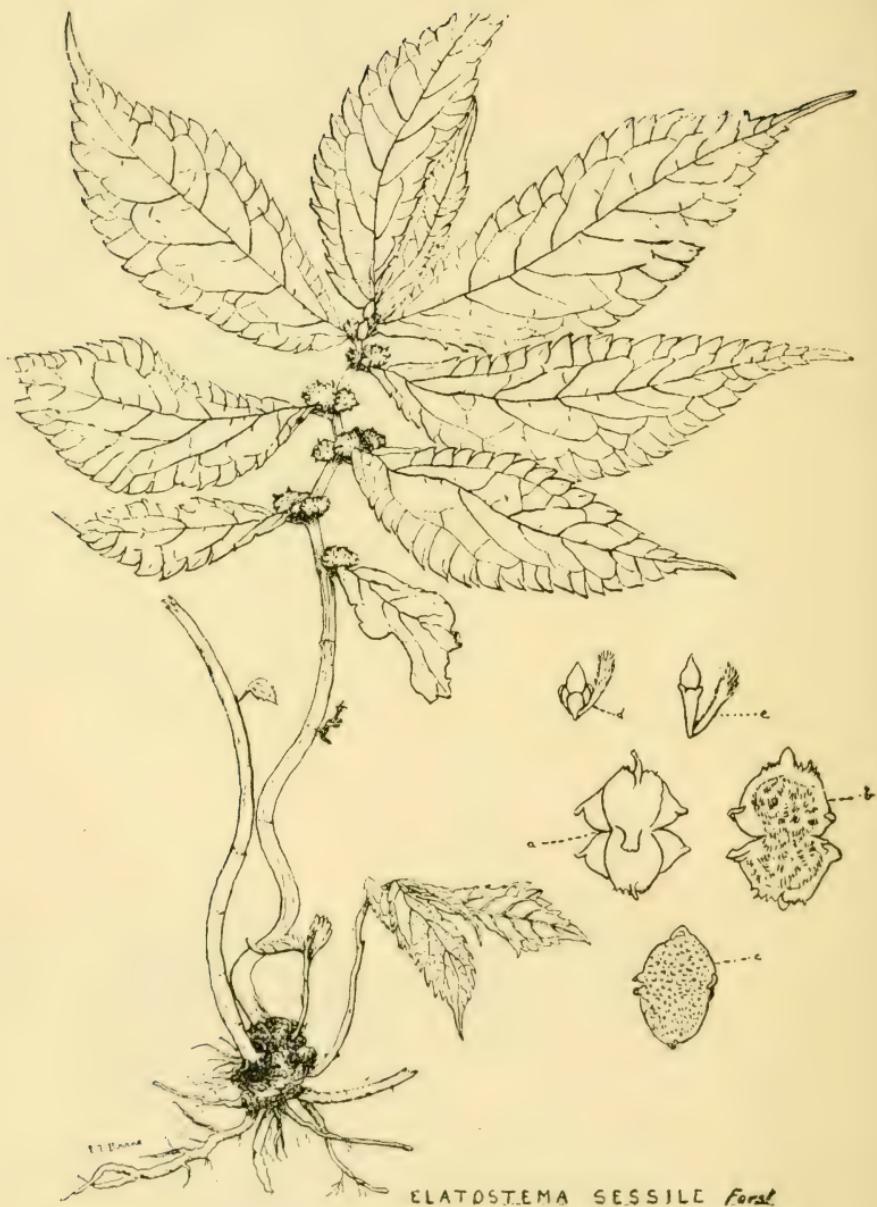
PRUNIFORMIS Lindl.



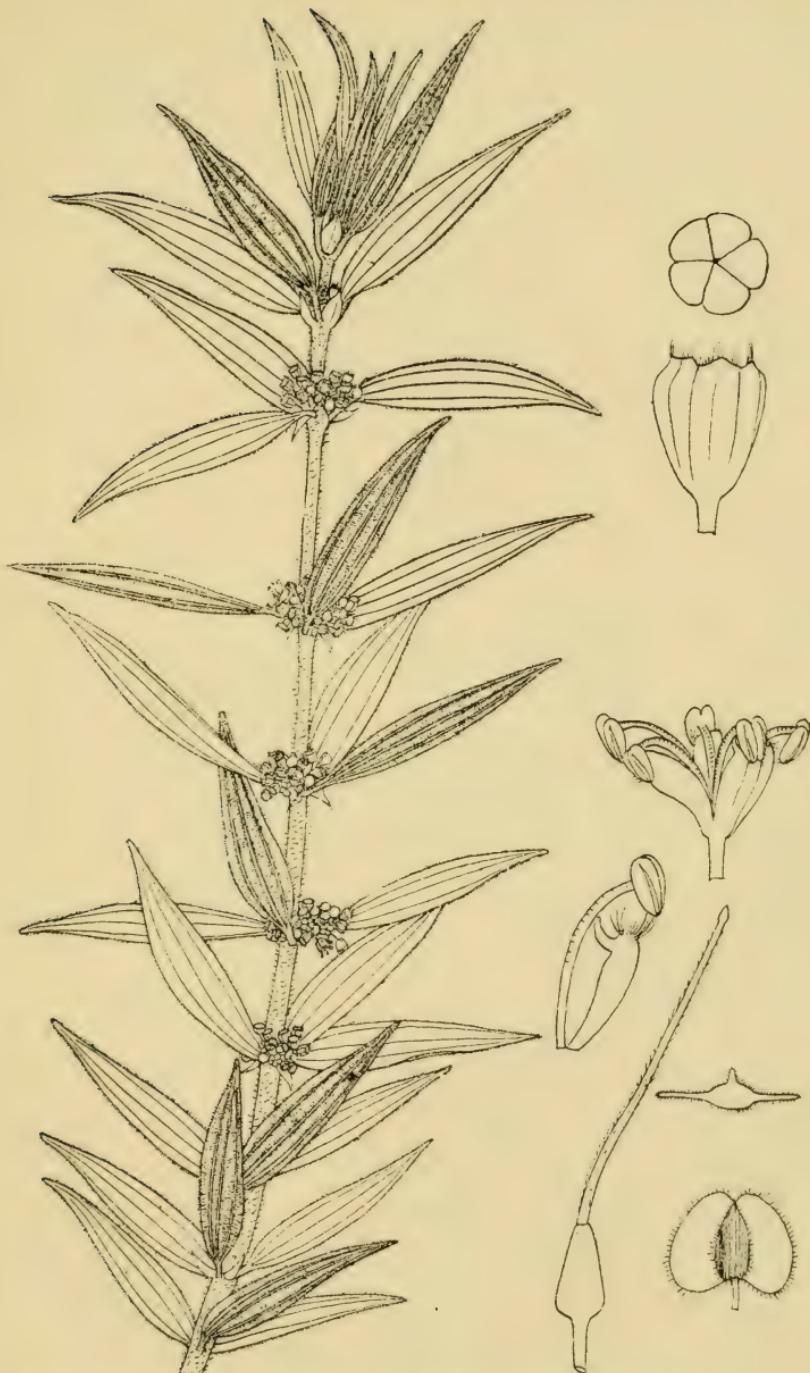
LAPORTEA TERMINALIS Wight



PILEA WIGHTII Wedd.



ELATOSTEMA SESSILE Forst.



& Natesan

POUZOLZIA BENNETTIANA Wt.



D.R.Fyson

DROGUETIA DIFFUSA Wedd.



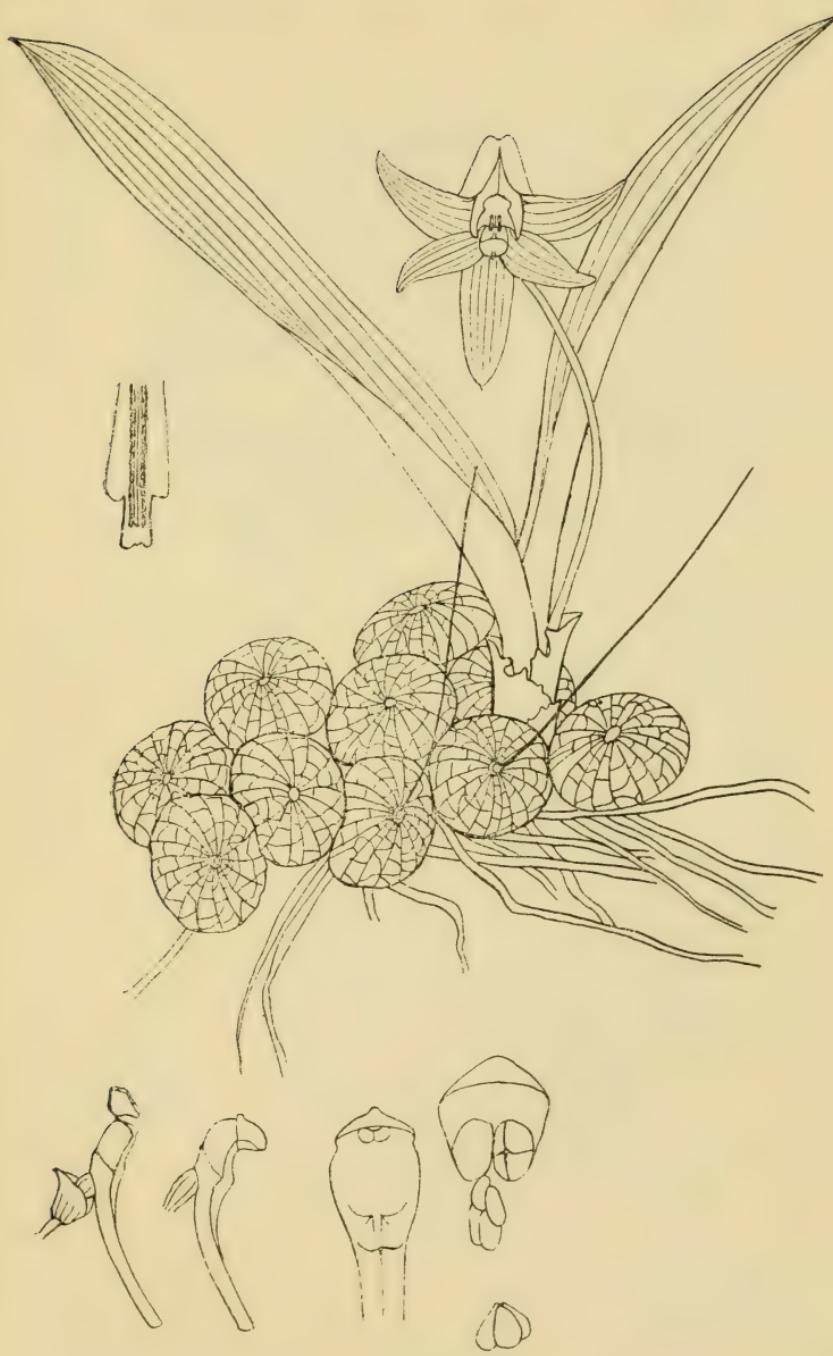
E.T. Buerne

BURMANNIA CANDIDA Griff.

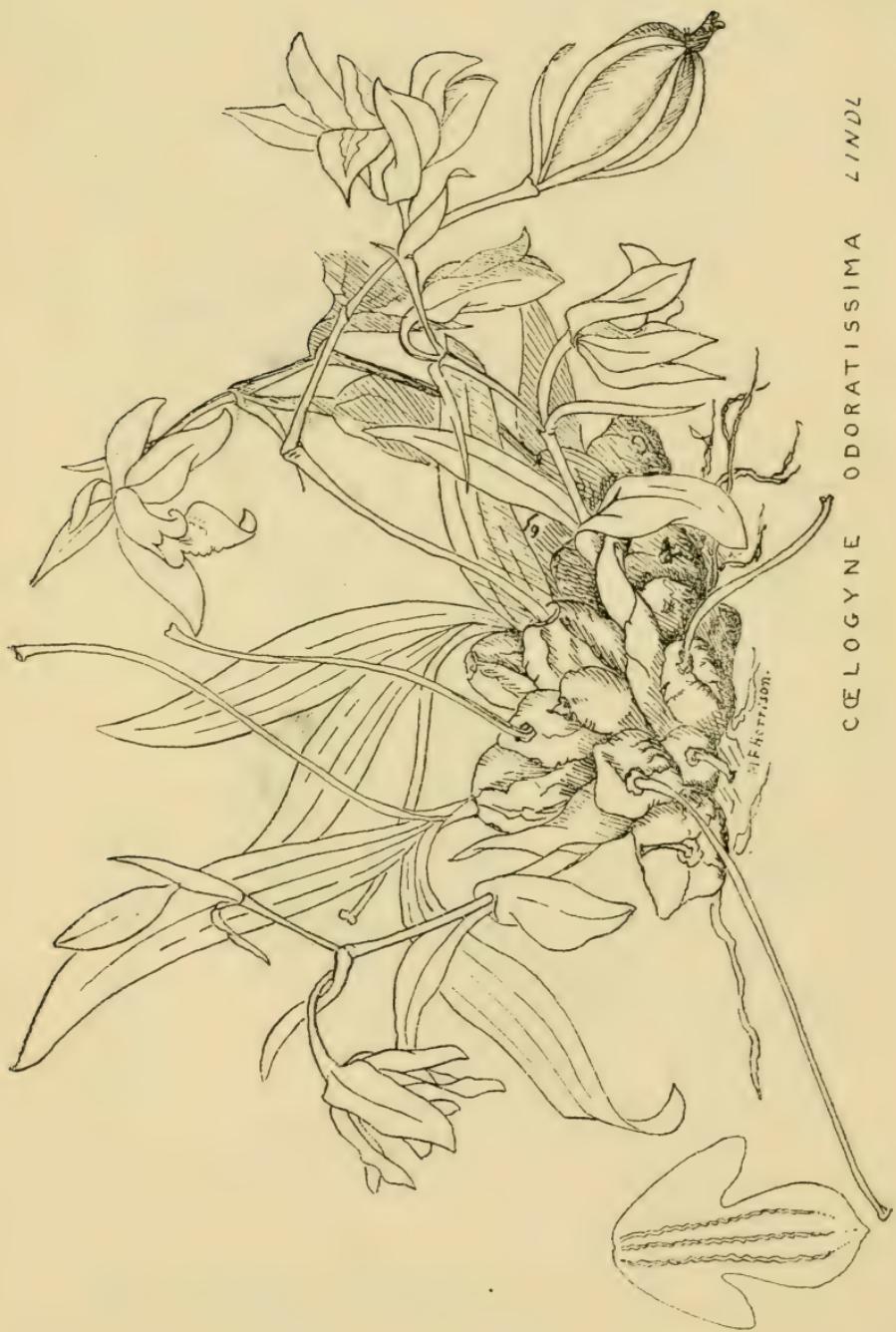


S. T. Bourne

MICROSTYLLIS VERSICOLOR W.C.







CŒLOGYNÉ ODORATISSIMA LINDL.



E.T. Bourne.

CŒLOCYNE NERVOSA Rich.



R.Natesan

CŒLOGYNE MOSSIAE Rolfe



ÆRIDES CRISPUM Lindl.



M. F. HARVEY, 1857
AERIDES RADICOSUM A Rich.



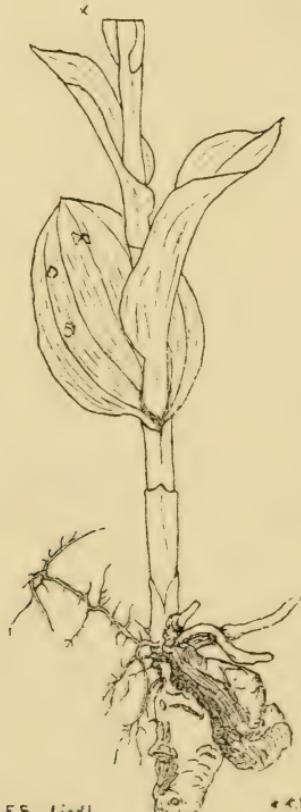
SACCOLABIUM FILIFORME Lindl.





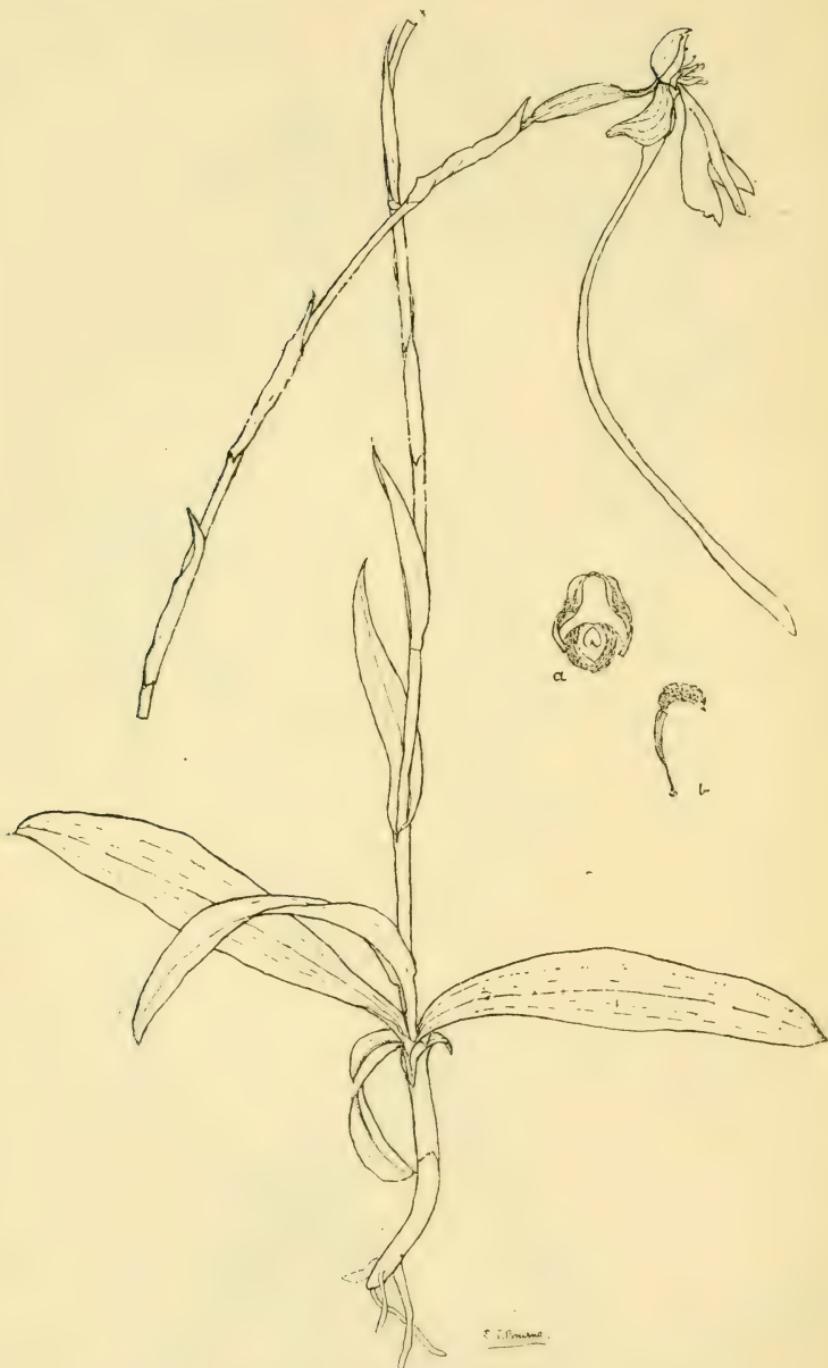
HABENARIA FOLIOSA A. Rich.

S. T. Bowmead



HABENARIA CEPHALOTES Lindl.

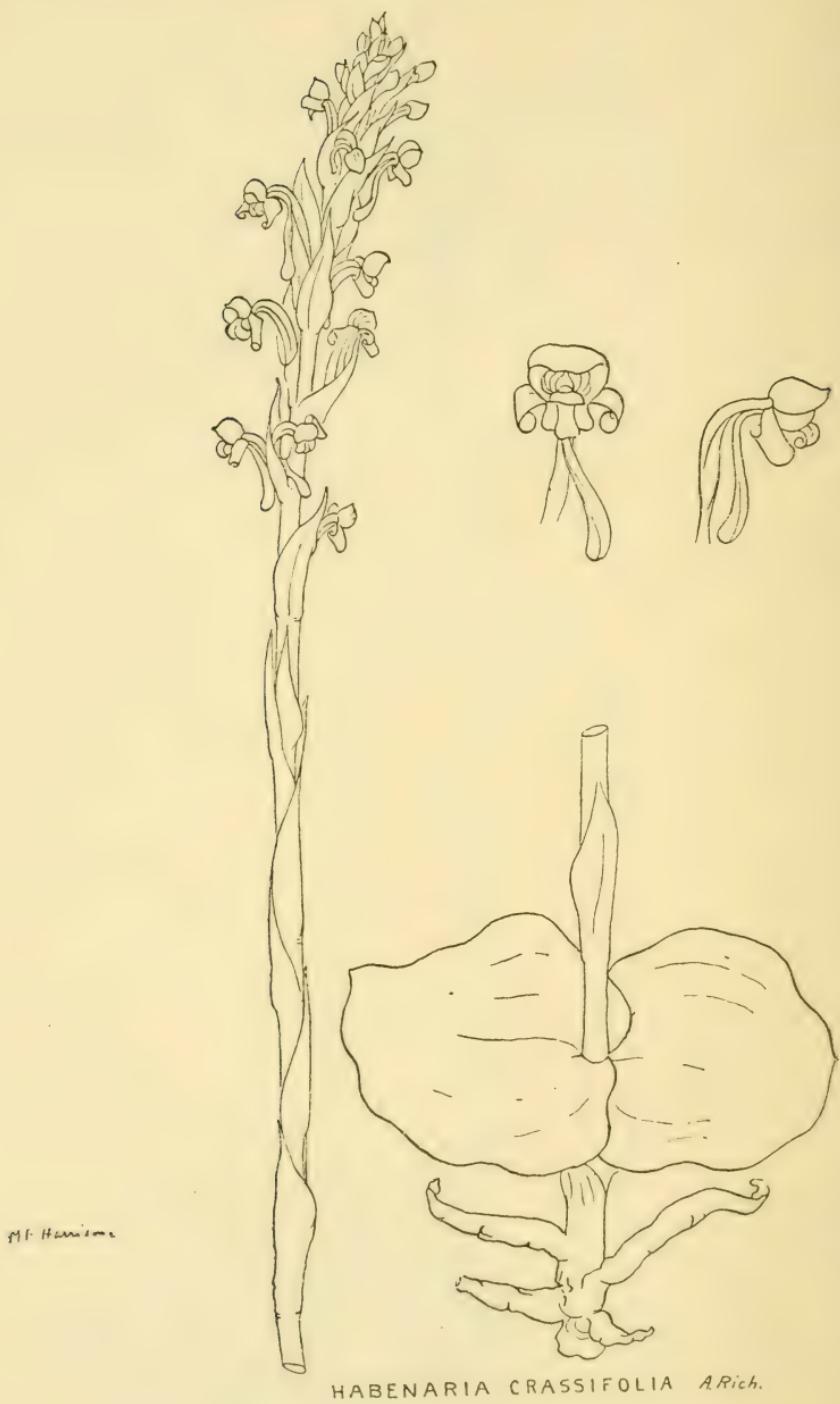
W. G. BROWN.

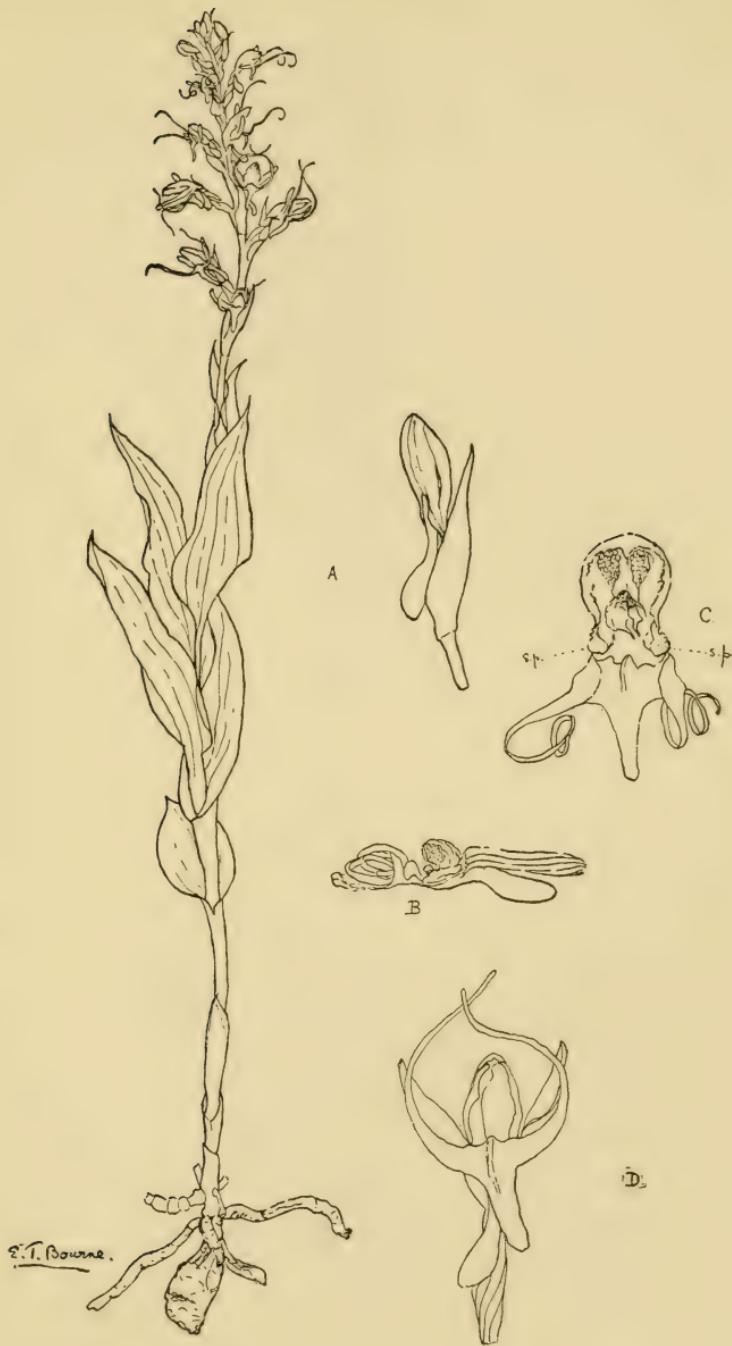


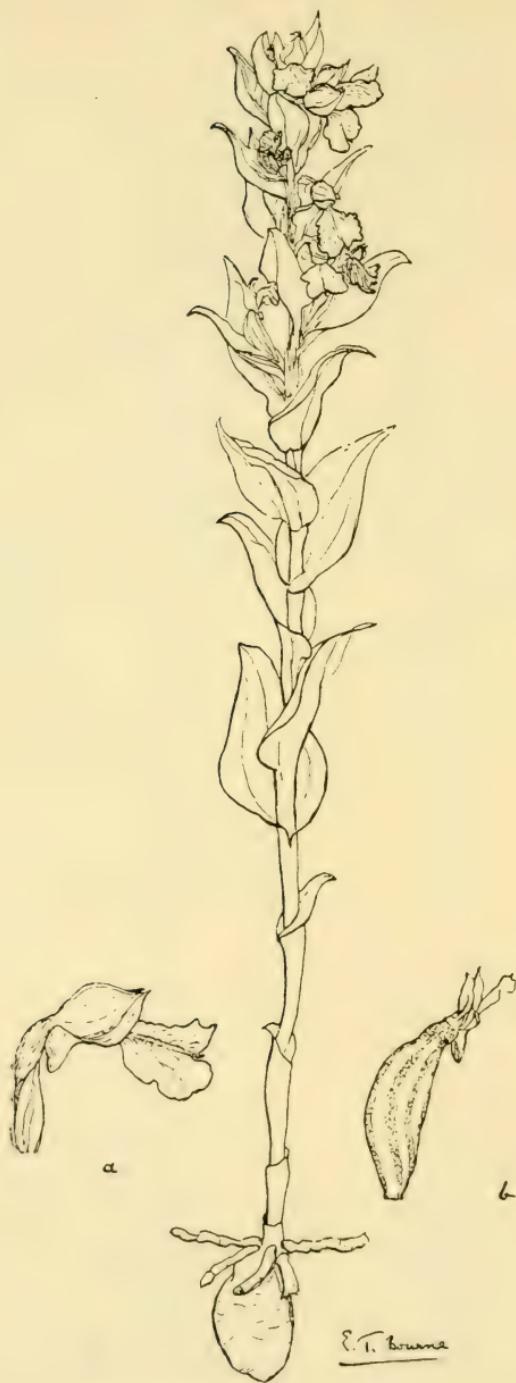
HABENARIA LONGICALCARATA A. Rich.



HABENARIA SUBPUBENS A. Rich.



HABENARIA BICORNUTA *Hook. f.*

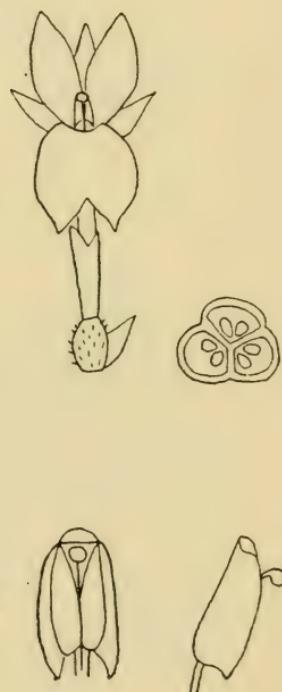


HABENARIA OBCORDATA.



R. Natesan

CURCUMA NEILGHERRENSIS W.T.

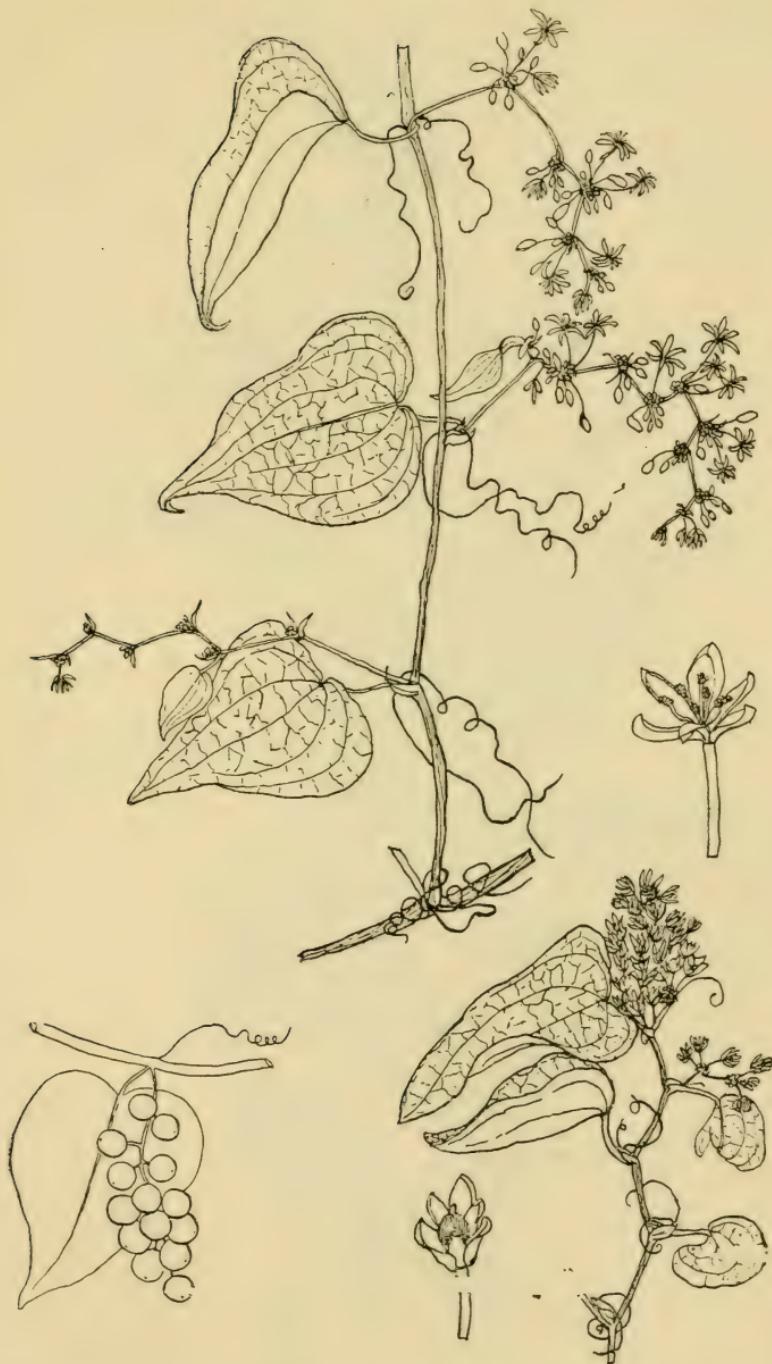


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CURCULIGO ORCHOIDES Gaertn.

E. Bourne.



E T Bourne

SMILAX ASPERA L.



R. Nelson

ASPARAGUS SUBULATUS Steudel







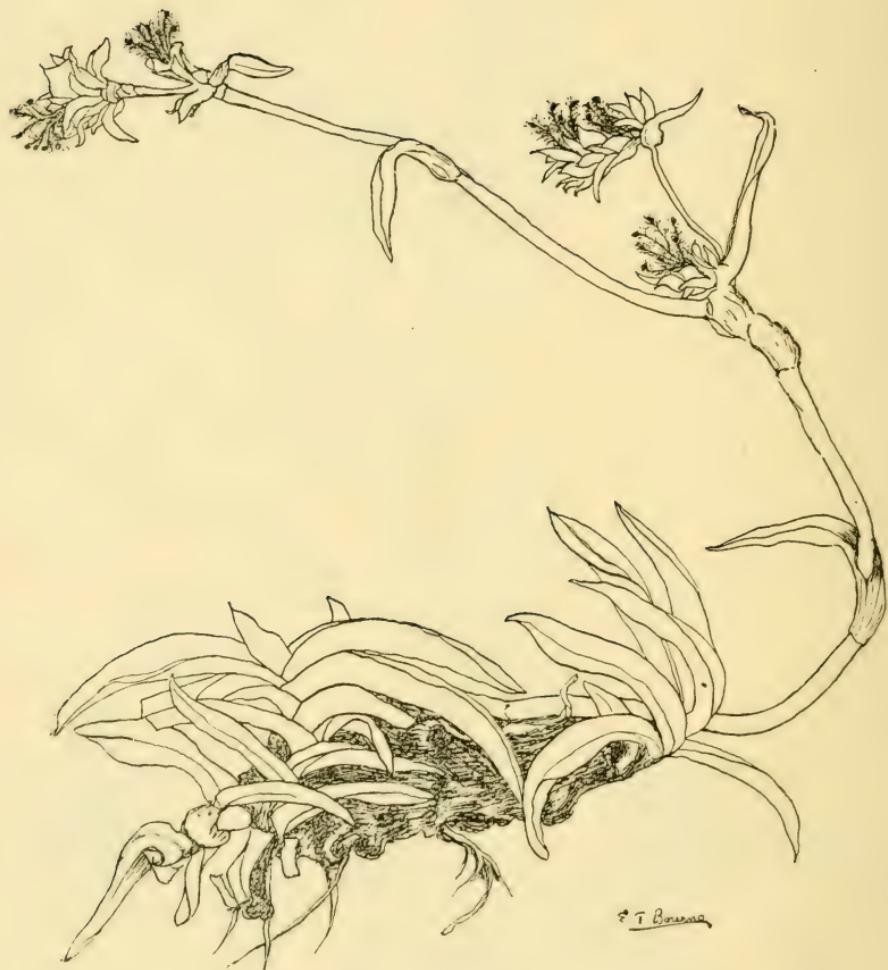
E.T. Bourne.

XYRIS SCHŒNOIDES Mart.



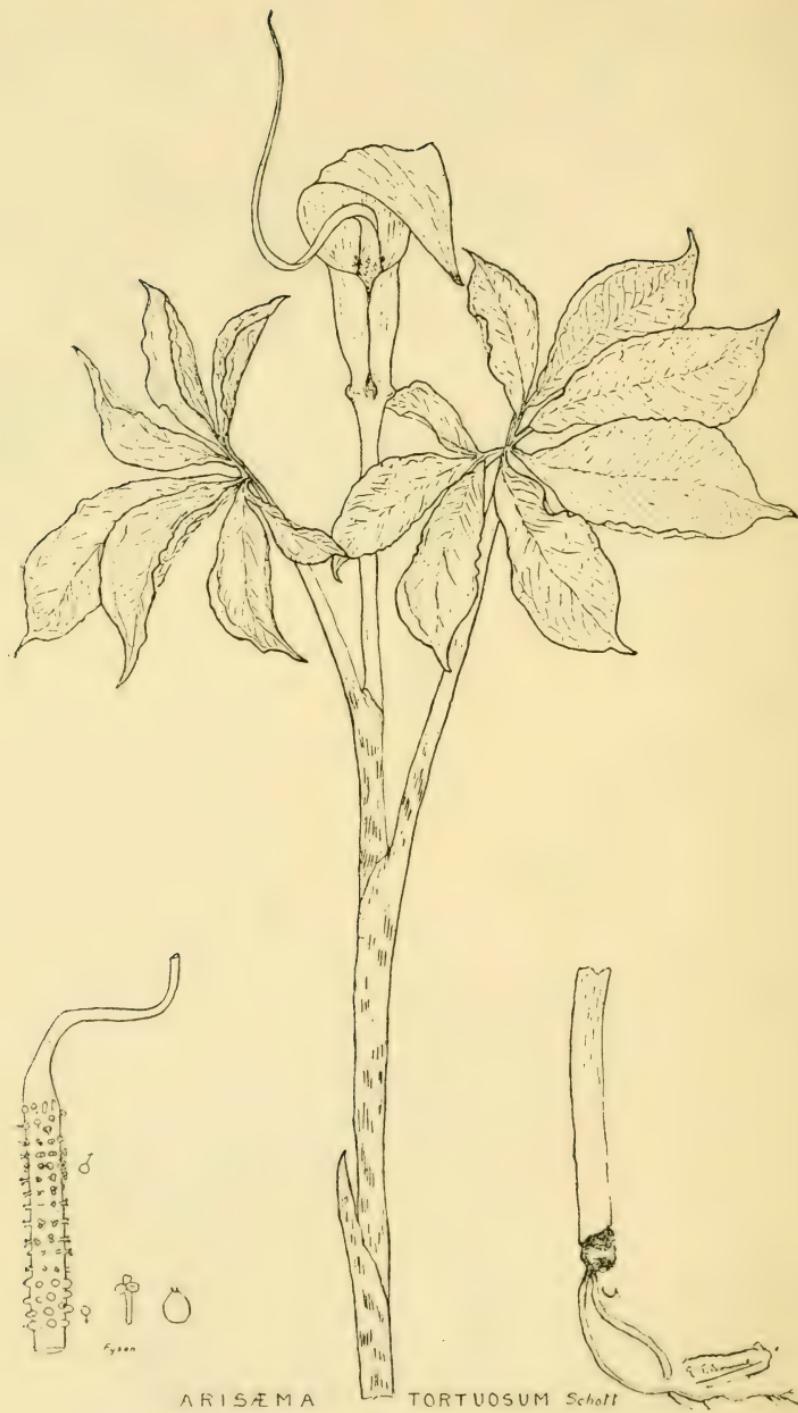
COMMELINA CŒLESTIS Willd





CYANOTIS ARACHNOIDEA Clarke



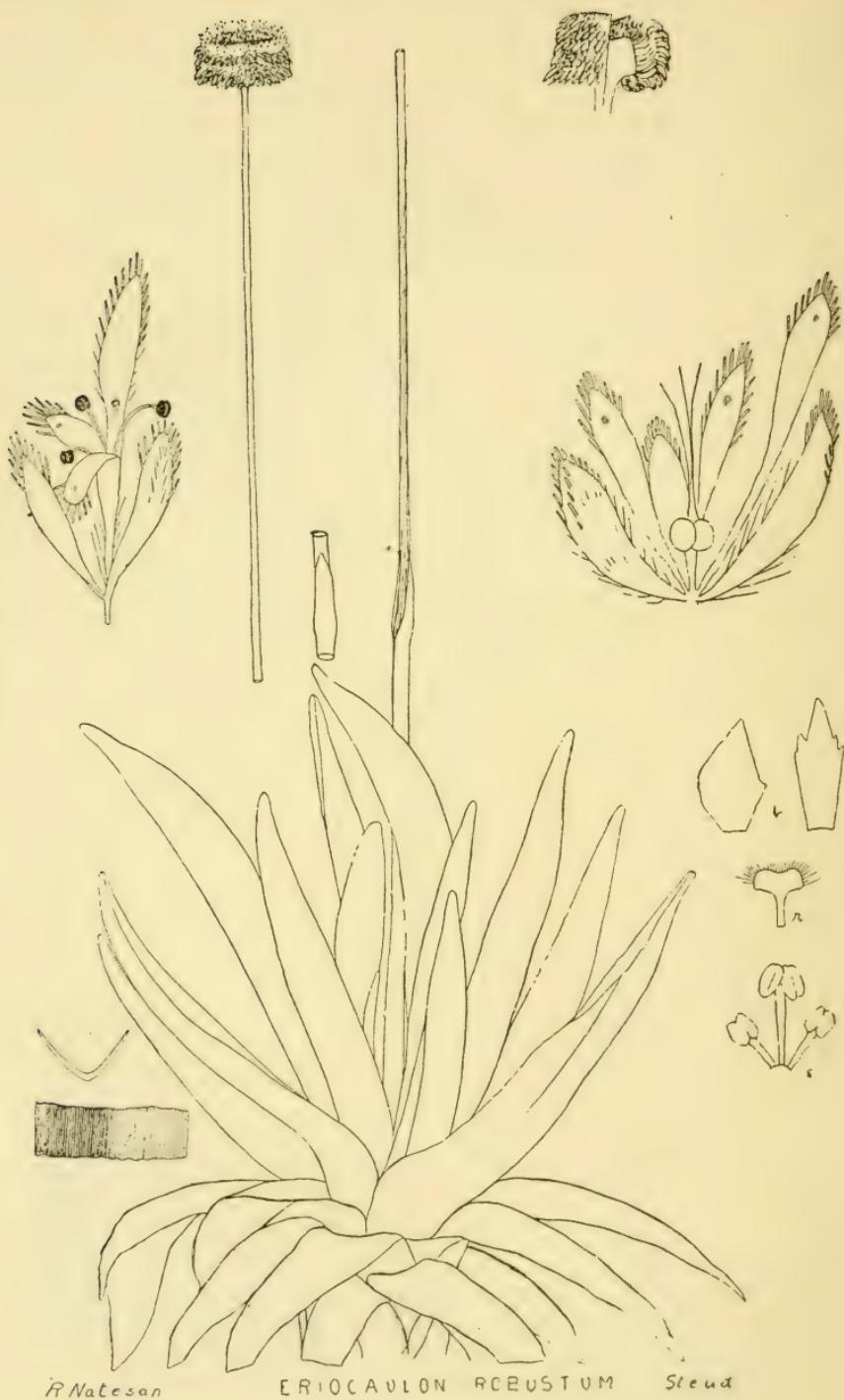


ARISÆMA

TORTUOSUM Schott



ARISEMA LESCHENAULTII Bl.

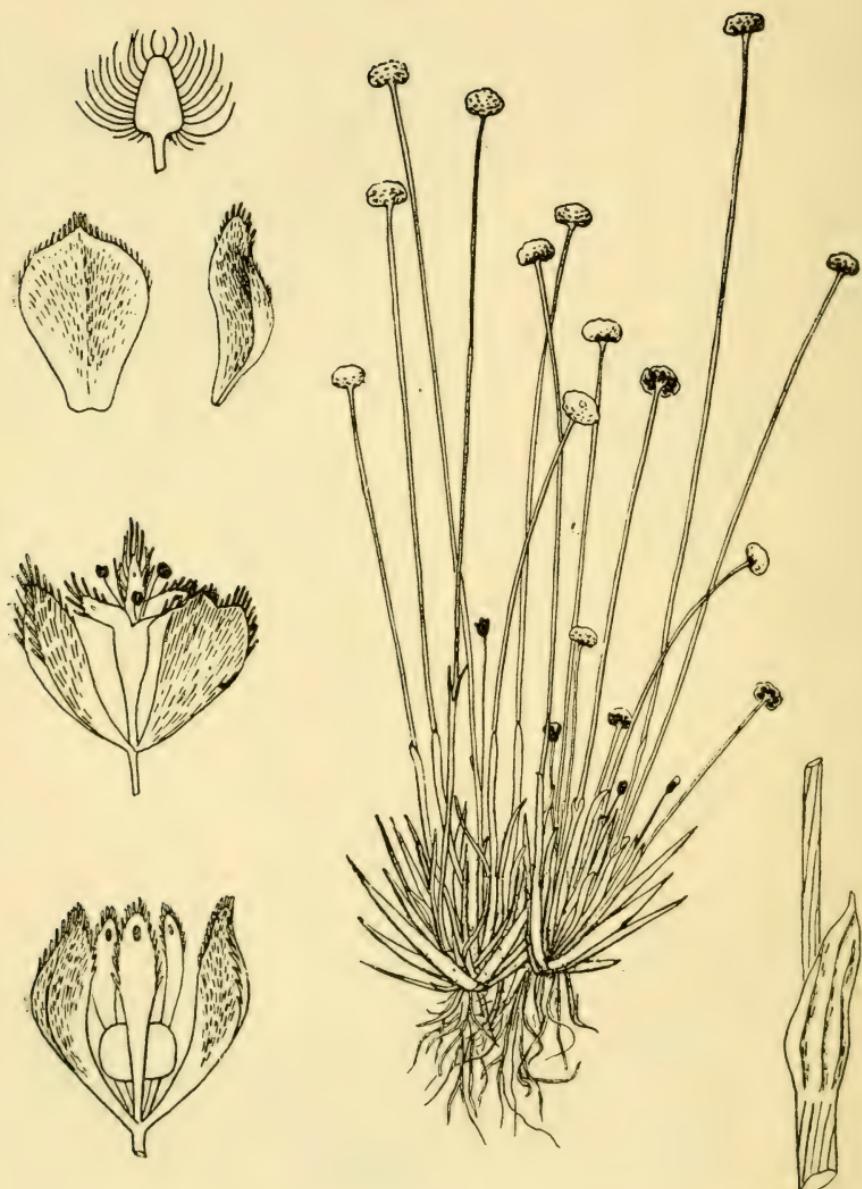




DR. Fyson

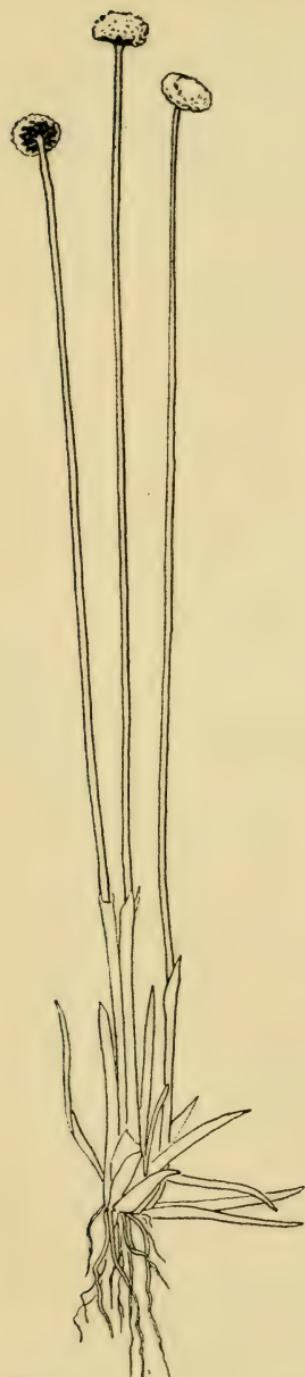
ERIOCAULON

NILAGIRENSE Steud.

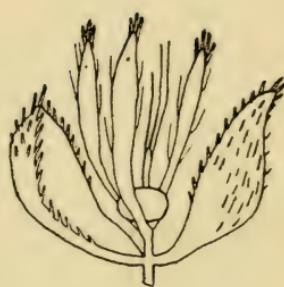


D.R.Fyson

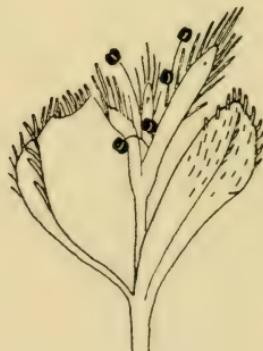
ERIOCAULON COLLINUM Hook.

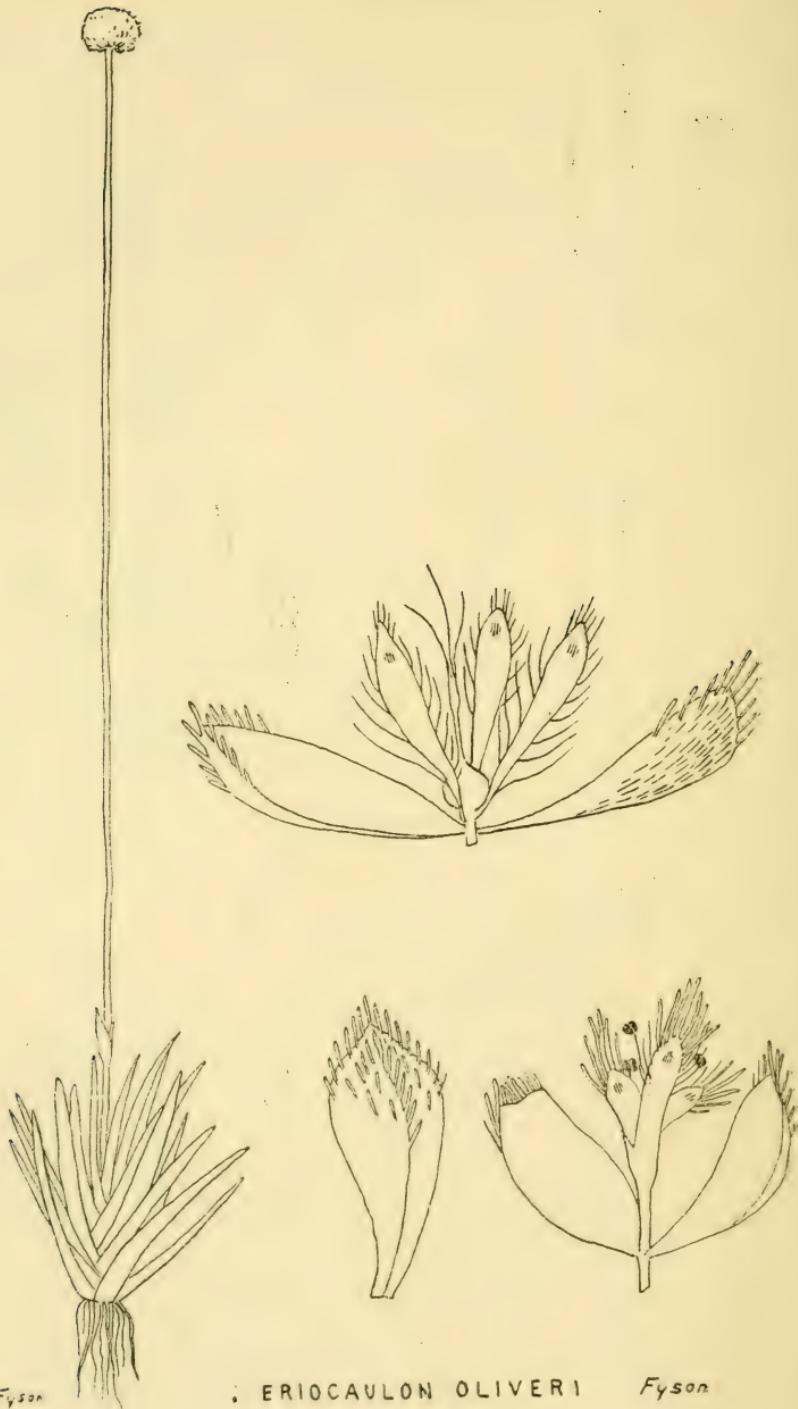


D.R. Fyson



ERIOCAULON CHRISTOPHERI Fyson





DR Fyson

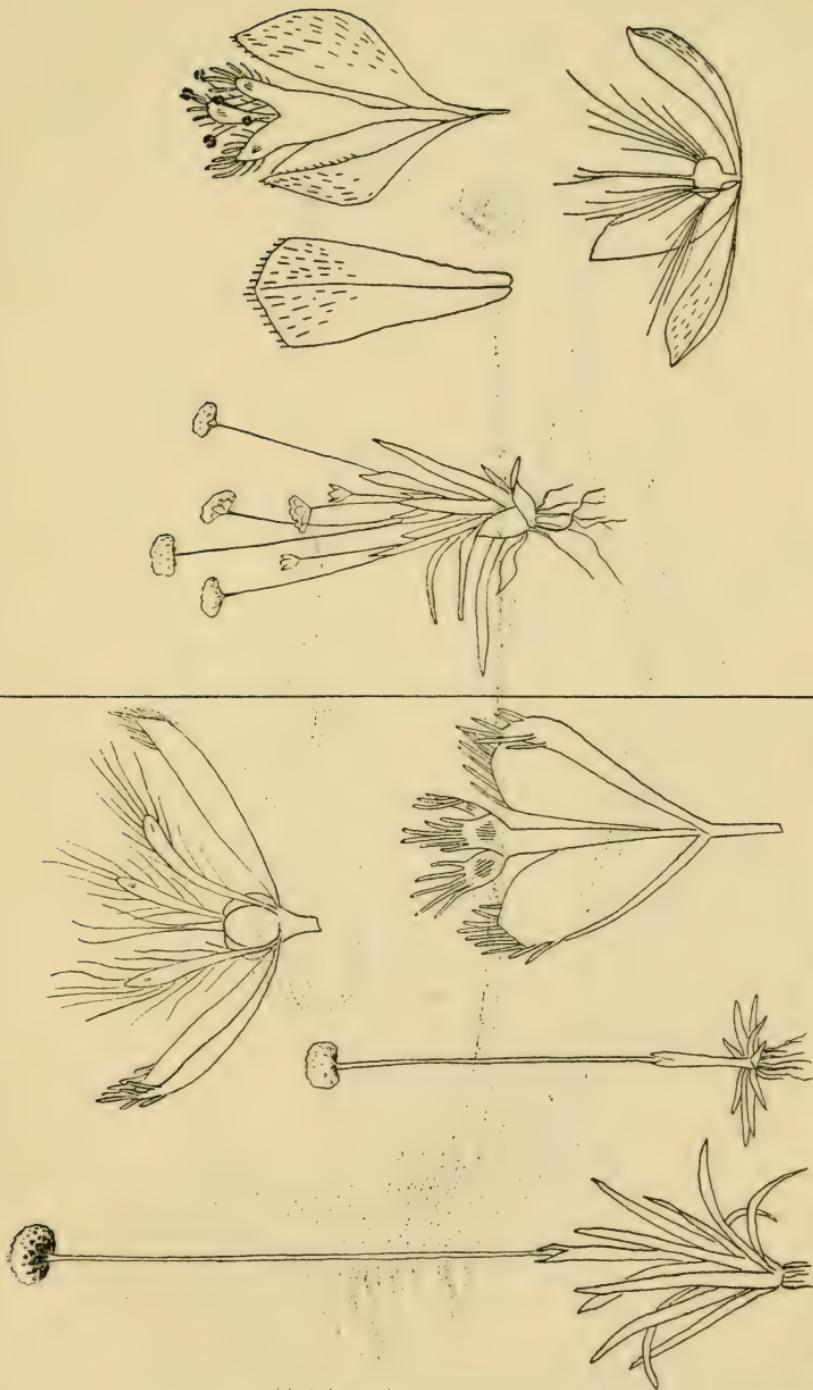
ERIOCAULON OLIVERI

Fyson

ERIOCAULON MARIE Fyson

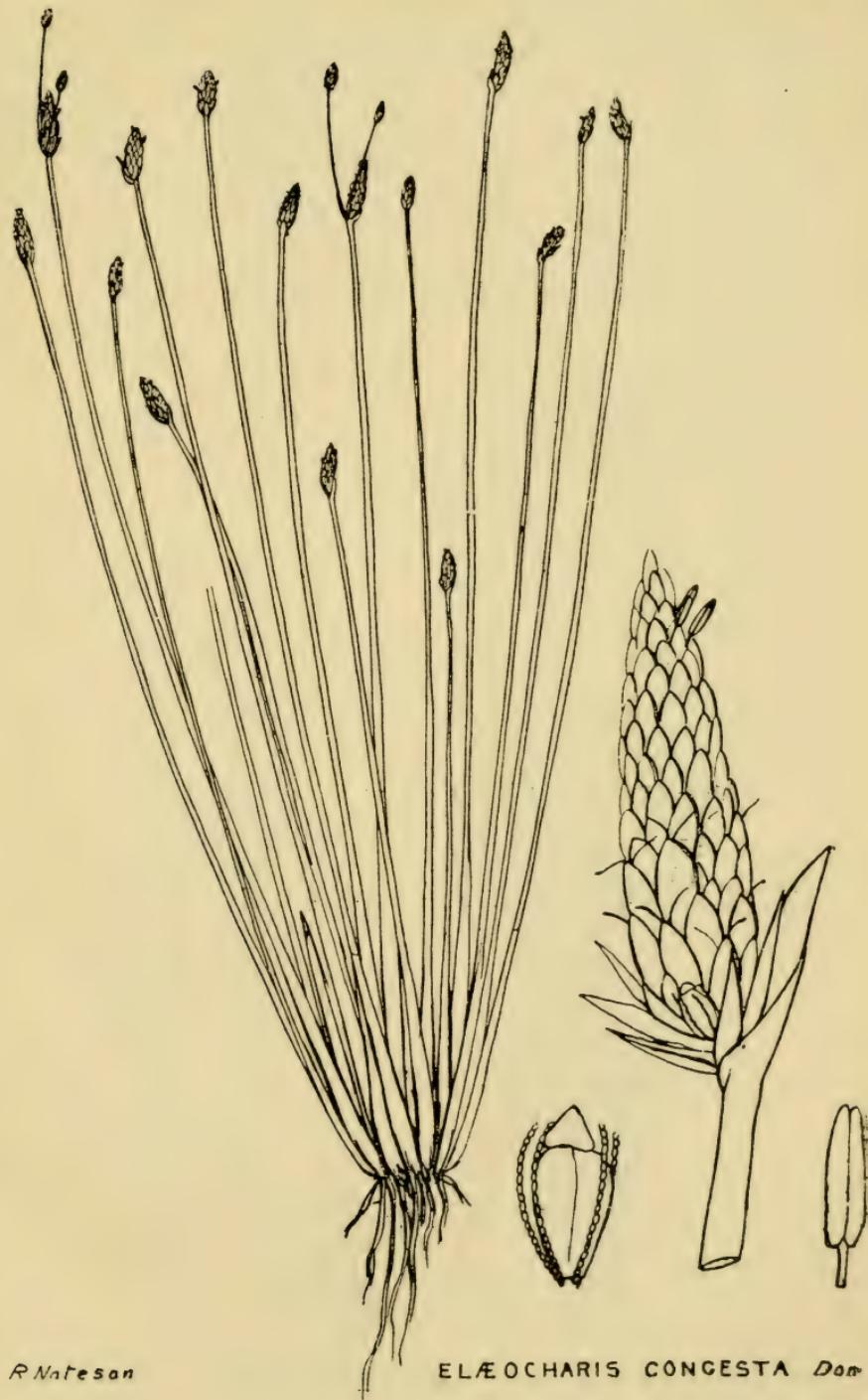
ERIOCAULON GEOFFREYI Fyson

D. R. Fyson



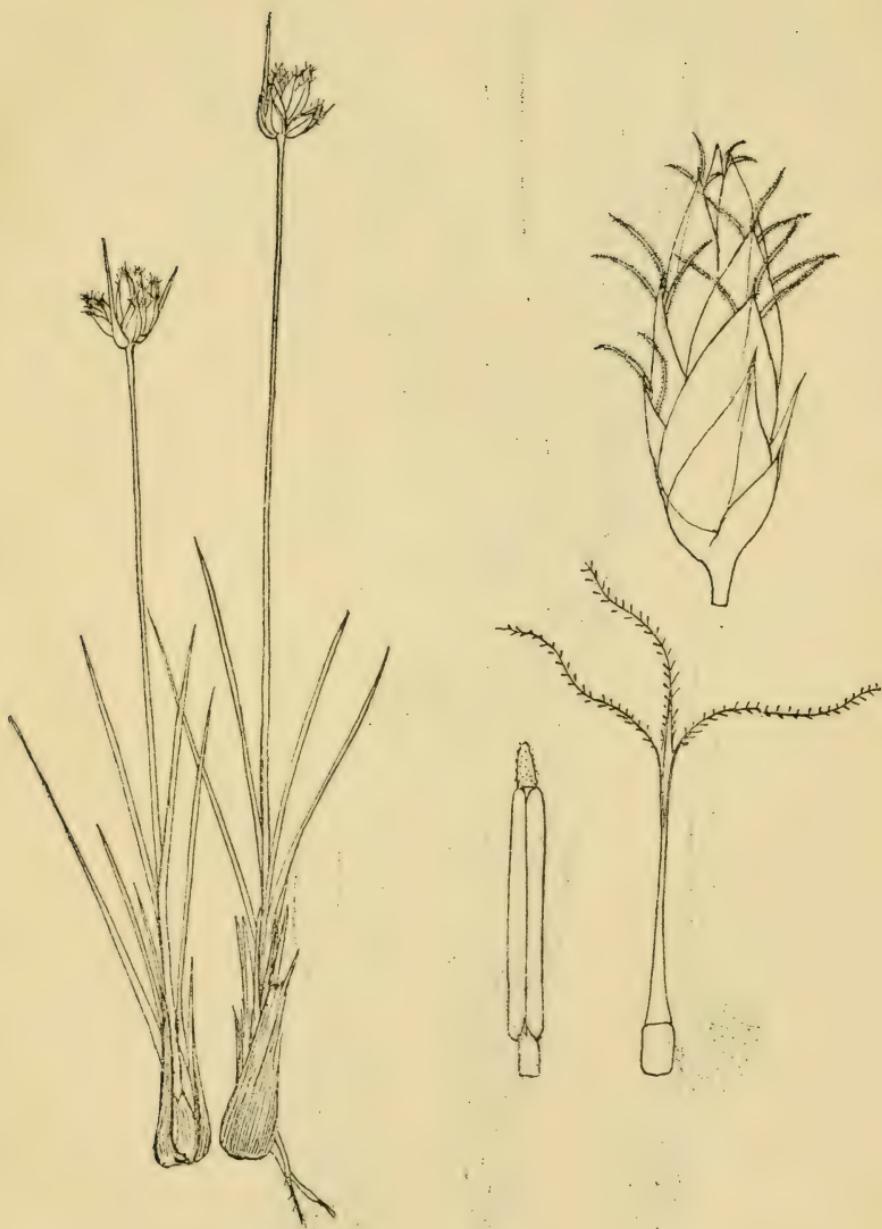


R. Natesan. KYLLINGIA MELANOSPERMA Nees.





R. Nelsén FIMBRISTYLIS SUBTRABECULATA



R. Notesan FIMBRISTYLIS ULIGINOSA Steud.



SCIRPUS ARTICULATUS Linn.



R. H. Neesom

CAREX NUBIGENA Don





R. Natesan

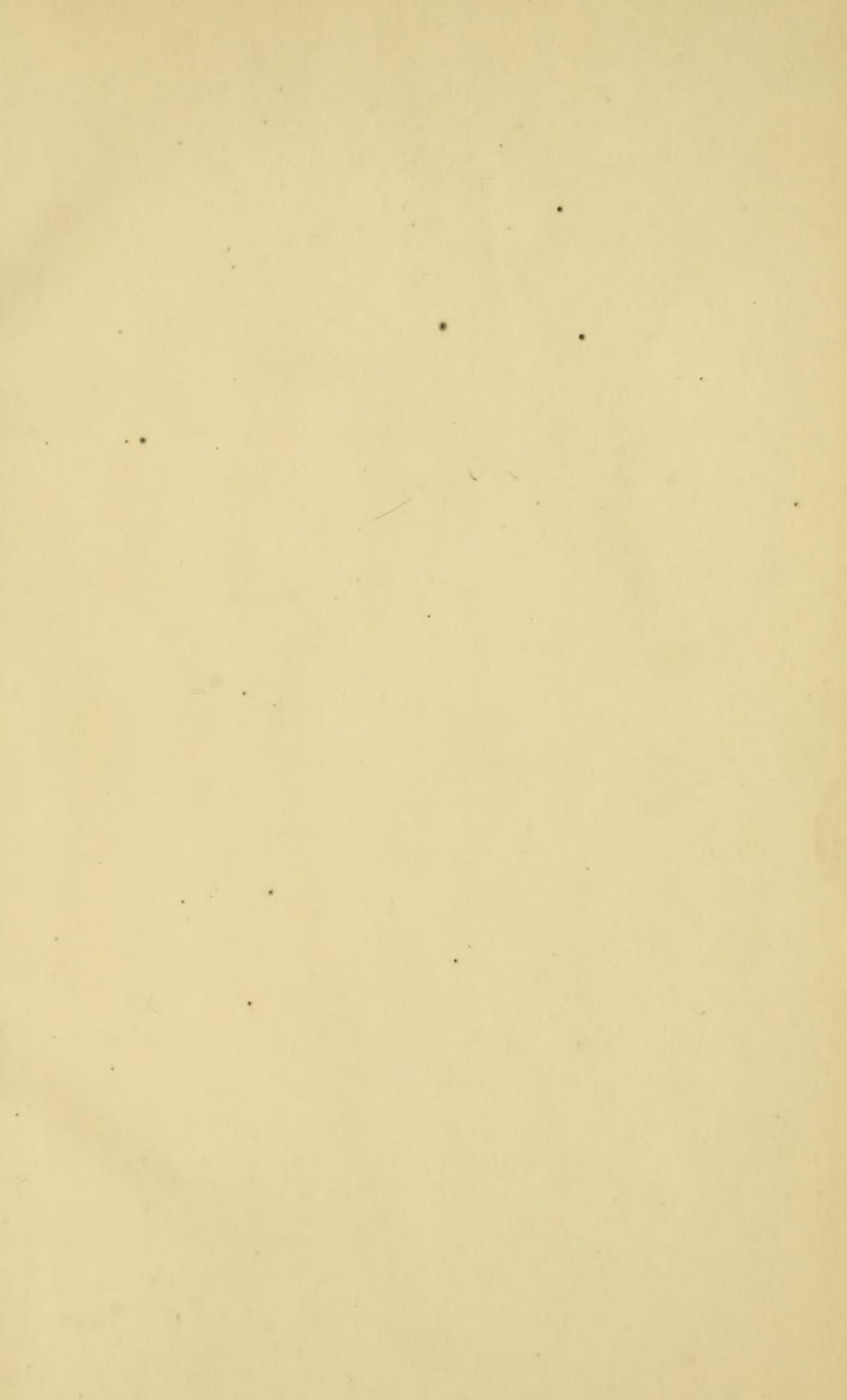
POLLINIA PHÆOTHRIX Hack.



R. Natesan

ANDROPOGON FOULKESII Hook f.







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Fyson, P. F./The flora of the Nilgiri an
gen



3 5185 00055 3220

